



NIJ

Special

REPORT

Test Results for Mobile Device Acquisition Tool:
BitPim - 1.0.6-official

www.ojp.usdoj.gov/nij

**U.S. Department of Justice
Office of Justice Programs**

810 Seventh Street N.W.
Washington, DC 20531

Eric H. Holder, Jr.
Attorney General

Laurie O. Robinson
Acting Assistant Attorney General

Kristina Rose
Acting Director, National Institute of Justice

This and other publications and products of the National Institute of Justice can be found at:

National Institute of Justice
www.ojp.usdoj.gov/nij

Office of Justice Programs
Innovation • Partnerships • Safer Neighborhoods
www.ojp.usdoj.gov

JAN. 10

**Test Results for Mobile Device Acquisition Tool:
BitPim - 1.0.6-official**



Kristina Rose

Acting Director, National Institute of Justice

This report was prepared for the National Institute of Justice, U.S. Department of Justice, by the Office of Law Enforcement Standards of the National Institute of Standards and Technology under Interagency Agreement 2003-IJ-R-029.

The National Institute of Justice is a component of the Office of Justice Programs, which also includes the Bureau of Justice Assistance, the Bureau of Justice Statistics, the Office of Juvenile Justice and Delinquency Prevention, and the Office for Victims of Crime.

October 2009

**Test Results for Mobile Device Acquisition Tool:
BitPim - 1.0.6-official**

Contents

1	Results Summary	2
2	Test Case Selection	3
3	Results by Test Assertion.....	6
3.1	Device Connectivity.....	19
3.2	Acquisition of Data Containing Non-ASCII Characters	19
4	Testing Environment.....	20
5	Test Results.....	21
5.1	Test Results Report Key	21
5.2	Test Details	22
5.2.1	CFT-IM-01 (LG VX5400).....	22
5.2.2	CFT-IM-02 (LG VX5400).....	24
5.2.3	CFT-IM-03 (LG VX5400).....	26
5.2.4	CFT-IM-04 (LG VX5400).....	28
5.2.5	CFT-IM-05 (LG VX5400).....	30
5.2.6	CFT-IM-06 (LG VX5400).....	32
5.2.7	CFT-IM-07 (LG VX5400).....	34
5.2.8	CFT-IM-08 (LG VX5400).....	36
5.2.9	CFT-IM-09 (LG VX5400).....	38
5.2.10	CFT-IM-10 (LG VX5400).....	40
5.2.11	CFT-IMO-01 (LG VX5400).....	42
5.2.12	CFT-IMO-02 (LG VX5400).....	44
5.2.13	CFT-IMO-03 (LG VX5400).....	46
5.2.14	CFT-IMO-05 (LG VX5400).....	48
5.2.15	CFT-IMO-07 (LG VX5400).....	50
5.2.16	CFT-IMO-08 (LG VX5400).....	52
5.2.17	CFT-IM-01 (LG VX6100).....	54
5.2.18	CFT-IM-01 (Moto v710)	56
5.2.19	CFT-IM-02 (Moto v710)	58
5.2.20	CFT-IM-03 (Moto v710)	60
5.2.21	CFT-IM-04 (Moto v710)	62
5.2.22	CFT-IM-05 (Moto v710)	64
5.2.23	CFT-IM-06 (Moto v710)	66
5.2.24	CFT-IM-08 (Moto v710)	68
5.2.25	CFT-IM-09 (Moto v710)	70
5.2.26	CFT-IM-10 (Moto v710)	72
5.2.27	CFT-IMO-01 (Moto v710)	74
5.2.28	CFT-IMO-02 (Moto v710)	76
5.2.29	CFT-IMO-03 (Moto v710)	78
5.2.30	CFT-IMO-05 (Moto v710)	80
5.2.31	CFT-IMO-07 (Moto v710)	82
5.2.32	CFT-IMO-08 (Moto v710)	84
5.2.33	CFT-IM-01 (SCH-u740).....	86
5.2.34	CFT-IM-02 (SCH-u740).....	88
5.2.35	CFT-IM-03 (SCH-u740).....	90

5.2.36	CFT-IM-04 (SCH-u740).....	92
5.2.37	CFT-IM-05 (SCH-u740).....	94
5.2.38	CFT-IM-06 (SCH-u740).....	96
5.2.39	CFT-IM-07 (SCH-u740).....	98
5.2.40	CFT-IM-08 (SCH-u740).....	100
5.2.41	CFT-IM-09 (SCH-u740).....	102
5.2.42	CFT-IM-10 (SCH-u740).....	104
5.2.43	CFT-IMO-01 (SCH-u740).....	106
5.2.44	CFT-IMO-02 (SCH-u740).....	108
5.2.45	CFT-IMO-03 (SCH-u740).....	110
5.2.46	CFT-IMO-05 (SCH-u740).....	112
5.2.47	CFT-IMO-07 (SCH-u740).....	114
5.2.48	CFT-IMO-08 (SCH-u740).....	115
5.2.49	CFT-IM-01 (SPH-a660).....	117
5.2.50	CFT-IM-02 (SPH-a660).....	119
5.2.51	CFT-IM-03 (SPH-a660).....	121
5.2.52	CFT-IM-04 (SPH-a660).....	123
5.2.53	CFT-IM-05 (SPH-a660).....	125
5.2.54	CFT-IM-06 (SPH-a660).....	127
5.2.55	CFT-IM-08 (SPH-a660).....	129
5.2.56	CFT-IMO-01 (SPH-a660).....	131
5.2.57	CFT-IMO-02 (SPH-a660).....	133
5.2.58	CFT-IMO-03 (SPH-a660).....	135
5.2.59	CFT-IMO-05 (SPH-a660).....	137
5.2.60	CFT-IMO-06 (SPH-a660).....	139
5.2.61	CFT-IMO-07 (SPH-a660).....	142
5.2.62	CFT-IMO-08 (SPH-a660).....	144

Introduction

The Computer Forensics Tool Testing (CFTT) program is a joint project of the National Institute of Justice (NIJ), the research and development organization of the U.S. Department of Justice (DOJ), and the National Institute of Standards and Technology's (NIST's) Office of Law Enforcement Standards and Information Technology Laboratory. CFTT is supported by other organizations, including the Federal Bureau of Investigation, the U.S. Department of Defense Cyber Crime Center, U.S. Internal Revenue Service Criminal Investigation Division Electronic Crimes Program, and the U.S. Department of Homeland Security's Bureau of Immigration and Customs Enforcement, U.S. Customs and Border Protection and U.S. Secret Service. The objective of the CFTT program is to provide measurable assurance to practitioners, researchers, and other applicable users that the tools used in computer forensics investigations provide accurate results. Accomplishing this requires the development of specifications and test methods for computer forensics tools and subsequent testing of specific tools against those specifications.

Test results provide the information necessary for developers to improve tools, users to make informed choices, and the legal community and others to understand the tools' capabilities. This approach to testing computer forensic tools is based on well-recognized methodologies for conformance and quality testing. The specifications and test methods posted on the CFTT Web site (<http://www.cftt.nist.gov/>) are available for review and comment by the computer forensics community.

This document reports the results from testing BitPim, version 1.0.6-official, against the *Non-GSM Mobile Device and Associated Media Tool Test Assertions and Test Plan Version 1.1*, available at the CFTT Web site (www.cftt.nist.gov/mobile_devices.htm).

Test results from other software packages and the CFTT tool methodology can be found on NIJ's computer forensics tool testing Web page, <http://www.ojp.usdoj.gov/ni/topics/technology/electronic-crime/cftt.htm>.

Test Results for Mobile Device Data Acquisition Tool

Tool Tested: BitPim
Version: 1.0.6-official
Run Environments: Windows XP Service Pack 2

Supplier: www.bitpim.org

Developers: Joe Pham, Stephen Wood, Sean Burke, Nathan Hjelm, and others.
Email: djpham@bitpim.org
WWW: <http://www.bitpim.org>

1 Results Summary

Except for the following test cases: CFT-IM-01 (LG vx6100), CFT-IM-08 (LG vx5400, Moto v710, SCH u740, SPH a660), the tested tool acquired all supported data objects completely and accurately from the selected test mobile devices (i.e., LG vx5400, MOTO v710, Samsung SCH u410, Samsung SCH u740, Samsung SPH a660). The exceptions are the following:

- Connectivity was not established via the supported cable interface; therefore, acquisition of device memory was not successful. Test Case: CFT-IM-01 (LG VX6100)
- Address book entries and text messages containing non-ASCII characters such as: à, é were excluded from the address book entry. Test Case: CFT-IMO-08 (LG VX5400, SCH-u740)
- Address book entries containing non-ASCII characters such as: 阿恶哈拉 were not reported. Text messages containing non-ASCII characters such as: à, é, 阿恶哈拉 were not reported. Test Case: CFT-IMO-08 (Moto v710)
- Text messages containing containing non-ASCII characters such as: à, é were excluded from text message. Test Case: CFT-IMO-08 (SPH-a660)

2 Test Case Selection

Not all test cases or test assertions are appropriate for all tools. In addition to the base test cases, each remaining test case is linked to optional tool features needed for the test case. If a given tool implements a given feature then the test cases linked to that feature are run. Tables (1a–1d) list the features available in BitPim and the linked test cases. Tables (2a–2d) list the features not available in BitPim. Multiple tables are necessary due to individual mobile devices providing different features. Therefore, case selection is device dependent.

Table 1a: Selected Test Cases (LG VX5400, SCH-u740)

Supported Optional Feature	Cases selected for execution
Base Cases	CFT-IM-(01-10)
Acquire mobile device internal memory and review data via supported generated report formats	CFT-IMO-01
Acquire mobile device internal memory and review reported data via the preview pane	CFT-IMO-02
Acquire mobile device internal memory and compare reported data via the preview pane and supported generated report formats	CFT-IMO-03
Perform a physical acquisition and review data output for readability	CFT-IMO-05
Acquire mobile device internal memory and review generated log files	CFT-IMO-07
Acquire mobile device internal memory and review data containing foreign language characters	CFT-IMO-08

Table 1b: Selected Test Cases (LG VX6100)

Supported Optional Feature	Cases selected for execution
Base Cases	CFT-IM-(01)

Table 1c: Selected Test Cases (Moto v710)

Supported Optional Feature	Cases selected for execution
Base Cases	CFT-IM-(01-06, 08-10)
Acquire mobile device internal memory and review data via supported generated report formats	CFT-IMO-01
Acquire mobile device internal memory and review reported data via the preview pane	CFT-IMO-02
Acquire mobile device internal memory and compare reported data via the preview pane and supported generated report formats	CFT-IMO-03
Perform a physical acquisition and review data output for readability	CFT-IMO-05

Acquire mobile device internal memory and review generated log files	CFT-IMO-07
Acquire mobile device internal memory and review data containing foreign language characters	CFT-IMO-08

Table 1d: Selected Test Cases (SPH-a660)

Supported Optional Feature	Cases selected for execution
Base Cases	CFT-IM-(01- 06, 08)
Acquire mobile device internal memory and review data via supported generated report formats	CFT-IMO-01
Acquire mobile device internal memory and review reported data via the preview pane	CFT-IMO-02
Acquire mobile device internal memory and compare reported data via the preview pane and supported generated report formats	CFT-IMO-03
Perform a physical acquisition and review data output for readability	CFT-IMO-05
Acquire mobile device internal memory and review generated log files	CFT-IMO-07
Acquire mobile device internal memory and review data containing foreign language characters	CFT-IMO-08

Table 2a: Omitted Test Cases (LG VX5400, SCH-u740)

Unsupported Optional Feature	Cases omitted (not executed)
After a successful mobile device internal memory acquisition, alter the case file via third-party means and attempt to reopen the case file	CFT-IMO-04
Perform a physical acquisition and review reports for recoverable deleted data	CFT-IMO-06
Acquire mobile device internal memory and review hash values for vendor supported data objects	CFT-IMO-09
Acquire mobile device internal memory and review the overall case file hash	CFT-IMO-10

Table 2b: Omitted Test Cases (LG VX6100)

Unsupported Optional Feature	Cases omitted (not executed)
Attempt internal memory acquisition of a nonsupported mobile device	CFT-IM-02
Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement	CFT-IM-03
Acquire mobile device internal memory and review reported data via the preview pane or generated reports for readability	CFT-IM-04

Acquire mobile device internal memory and review reported subscriber and equipment related information (i.e., MEID/ESN, MSISDN)	CFT-IM-05
Acquire mobile device internal memory and review reported PIM related data	CFT-IM-06
Acquire mobile device internal memory and review reported call logs	CFT-IM-07
Acquire mobile device internal memory and review reported text messages	CFT-IM-08
Acquire mobile device internal memory and review reported MMS multimedia related data (i.e., text, audio, graphics, video)	CFT-IM-09
Acquire mobile device internal memory and review reported stand-alone multimedia data (i.e., audio, graphics, video).	CFT-IM-10
Acquire mobile device internal memory and review reported data via supported generated report formats	CFT-IMO-01
Acquire mobile device internal memory and review reported data via the preview pane	CFT-IMO-02
Acquire mobile device internal memory and compare reported data via the preview pane and supported generated reports	CFT-IMO-03
After a successful mobile device internal memory acquisition, alter the case file via third-party means and attempt to reopen the case file.	CFT-IMO-04
Perform a physical acquisition and review data output for readability	CFT-IMO-05
Perform a physical acquisition and review reports for recoverable deleted data	CFT-IMO-06
Acquire mobile device internal memory and review generated log files	CFT-IMO-07
Acquire mobile device internal memory and review data containing foreign language characters	CFT-IMO-08
Acquire mobile device internal memory and review hash values for vendor supported data objects	CFT-IMO-09
Acquire mobile device internal memory and review the overall case file hash	CFT-IMO-10

Table 2c: Omitted Test Cases (Moto v710)

Unsupported Feature / Optional Feature	Cases omitted (not executed)
Acquire mobile device internal memory and review reported call logs	CFT-IM-07
After a successful mobile device internal memory acquisition, alter the case file via third-party means and attempt to reopen the case file	CFT-IMO-04

Unsupported Feature / Optional Feature	Cases omitted (not executed)
Perform a physical acquisition and review reports for recoverable deleted data	CFT-IMO-06
Acquire mobile device internal memory and review hash values for vendor supported data objects	CFT-IMO-09
Acquire mobile device internal memory and review the overall case file hash	CFT-IMO-10

Table 2d: Omitted Test Cases (SPH-a660)

Unsupported Feature / Optional Feature	Cases omitted (not executed)
Acquire mobile device internal memory and review reported call logs	CFT-IM-07
Acquire mobile device internal memory and review reported MMS multimedia related data (i.e., text, audio, graphics, video).	CFT-IM-09
Acquire mobile device internal memory and review reported stand-alone multimedia data (i.e., audio, graphics, video)	CFT-IM-10
After a successful mobile device internal memory acquisition, alter the case file via third-party means and attempt to reopen the case file	CFT-IMO-04
Acquire mobile device internal memory and review hash values for vendor supported data objects	CFT-IMO-09
Acquire mobile device internal memory and review the overall case file hash	CFT-IMO-10

3 Results by Test Assertion

Tables 3a–3d summarize the test results by assertion. The column labeled **Assertions Tested** gives the text of each assertion. The column labeled **Tests** gives the number of test cases that use the given assertion. The column labeled **Anomaly** gives the section number in this report where the anomaly is discussed.

Table 3a: Assertions Tested: (LG VX5400, SCH-u740)

Assertions Tested	Tests	Anomaly
A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	9	
A_IM-02 If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall have the ability to identify that the device is not supported.	1	
A_IM-03 If a cellular forensic tool encounters disengagement between the device and application then the application shall notify the user that	1	

connectivity has been disrupted.		
A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview pane or generated report.	7	
A_IM-05 If a cellular forensic tool successfully completes acquisition of the target device then subscriber related information shall be presented in a human-readable format without modification.	1	
A_IM-06 If a cellular forensic tool successfully completes acquisition of the target device then equipment related information shall be presented in a human-readable format without modification.	1	
A_IM-07 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries shall be presented in a human-readable format without modification.	1	
A_IM-08 If a cellular forensic tool successfully completes acquisition of the target device then all known maximum length address book entries shall be presented in a human-readable format without modification.	1	
A_IM-09 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing special characters shall be presented in a human-readable format without modification.	1	
A_IM-10 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing blank names shall be presented in a human-readable format without modification.	1	
A_IM-11 If a cellular forensic tool successfully completes acquisition of the target device then all known email addresses associated with address book entries shall be presented in a human-readable format without modification.	1	
A_IM-12 If a cellular forensic tool successfully completes acquisition of the target device then all known graphics associated with address book entries shall be presented in a human-readable format without modification.	1	
A_IM-13 If a cellular forensic tool successfully completes acquisition of the target device then all known datebook, calendar, note entries shall be presented in a human-readable format without modification.	1	
A_IM-14 If a cellular forensic tool successfully completes acquisition of the target device then all maximum length datebook, calendar, note entries shall be presented in a human readable format without modification.	1	
A_IM-15 If a cellular forensic tool successfully completes acquisition of the target device then all call logs (incoming/outgoing) shall be presented in a human-readable format without modification.	1	
A_IM-16 If a cellular forensic tool successfully completes acquisition of the target device then all text messages (i.e., SMS, EMS) shall be	1	

presented in a human-readable format without modification.		
A_IM-17 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated audio shall be presented properly without modification.	1	
A_IM-18 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated images shall be presented properly without modification.	1	
A_IM-19 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated video shall be presented properly without modification.	1	
A_IM-20 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone audio files shall be playable via either an internal application or suggested third-party application without modification.	1	
A_IM-21 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone image files shall be viewable via either an internal application or suggested third-party application without modification.	1	
A_IM-22 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone video files shall be viewable via either an internal application or suggested third-party application without modification.	1	
A_IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.	4	
A_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.	4	
A_IMO-25 If a cellular forensic tool provides a preview-pane view and a generated report of the acquired data then the reports shall maintain consistency of all reported data elements.	1	
A_IMO-27 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall successfully complete the acquisition and present the data in a human-readable format.	1	
A_IMO-36 If the cellular forensic tool supports log creation then the application should present the log files consistent with the application documentation (e.g., outlining the acquisition process).	1	
A_IMO-37 If the cellular forensic tool supports proper display of foreign language character sets then the application should present address book entries containing foreign language characters in their native format without modification.	1	3.2
A_IMO-38 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.	1	3.2

Table 3b: Assertions Tested (LG VX6100)

Assertions Tested	Tests	Anomaly
A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	1	3.1

Table 3c: Assertions Tested (Motorola V710)

Assertions Tested	Tests	Anomaly
A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	8	
A_IM-02 If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall have the ability to identify that the device is not supported.	1	
A_IM-03 If a cellular forensic tool encounters disengagement between the device and application then the application shall notify the user that connectivity has been disrupted.	1	
A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview pane or generated report.	6	
A_IM-05 If a cellular forensic tool successfully completes acquisition of the target device then subscriber related information shall be presented in a human-readable format without modification.	1	
A_IM-06 If a cellular forensic tool successfully completes acquisition of the target device then equipment related information shall be presented in a human-readable format without modification.	1	
A_IM-07 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries shall be presented in a human-readable format without modification.	1	
A_IM-08 If a cellular forensic tool successfully completes acquisition of the target device then all known maximum length address book entries shall be presented in a human-readable format without modification.	1	
A_IM-09 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing special characters shall be presented in a human-readable format without modification.	1	
A_IM-10 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing blank names shall be presented in a human-readable format without modification.	1	
A_IM-11 If a cellular forensic tool successfully completes acquisition of the target device then all known email addresses associated with address book entries shall be presented in a human-readable format	1	

without modification.		
A_IM-12 If a cellular forensic tool successfully completes acquisition of the target device then all known graphics associated with address book entries shall be presented in a human-readable format without modification.	1	
A_IM-13 If a cellular forensic tool successfully completes acquisition of the target device then all known datebook, calendar, note entries shall be presented in a human-readable format without modification.	1	
A_IM-14 If a cellular forensic tool successfully completes acquisition of the target device then all maximum length datebook, calendar, note entries shall be presented in a human readable format without modification.	1	
A_IM-16 If a cellular forensic tool successfully completes acquisition of the target device then all text messages (i.e., SMS, EMS) messages shall be presented in a human-readable format without modification.	1	
A_IM-17 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated audio shall be presented properly without modification.	1	
A_IM-18 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated images shall be presented properly without modification.	1	
A_IM-19 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated video shall be presented properly without modification.	1	
A_IM-20 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone audio files shall be playable via either an internal application or suggested third-party application without modification.	1	
A_IM-21 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone image files shall be viewable via either an internal application or suggested third-party application without modification.	1	
A_IM-22 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone video files shall be viewable via either an internal application or suggested third-party application without modification.	1	
A_IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.	4	
A_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.	4	
A_IMO-25 If a cellular forensic tool provides a preview-pane view and a generated report of the acquired data then the reports shall maintain consistency of all reported data elements.	1	
A_IMO-27 If the cellular forensic tool supports a physical acquisition	1	

of the target device then the tool shall successfully complete the acquisition and present the data in a human-readable format.		
A_IMO-36 If the cellular forensic tool supports log creation then the application should present the log files consistent with the application documentation (e.g., outlining the acquisition process).	1	
A_IMO-37 If the cellular forensic tool supports proper display of foreign language character sets then the application should present address book entries containing foreign language characters in their native format without modification.	1	3.2
A_IMO-38 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.	1	3.2

Table 3d: Assertions Tested (SPH a660)

Assertions Tested	Tests	Anomaly
A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	6	
A_IM-02 If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall have the ability to identify that the device is not supported.	1	
A_IM-03 If a cellular forensic tool encounters disengagement between the device and application then the application shall notify the user that connectivity has been disrupted.	1	
A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview pane or generated report.	4	
A_IM-05 If a cellular forensic tool successfully completes acquisition of the target device then subscriber related information shall be presented in a human-readable format without modification.	1	
A_IM-06 If a cellular forensic tool successfully completes acquisition of the target device then equipment related information shall be presented in a human-readable format without modification.	1	
A_IM-07 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries shall be presented in a human-readable format without modification.	1	
A_IM-08 If a cellular forensic tool successfully completes acquisition of the target device then all known maximum length address book entries shall be presented in a human-readable format without modification.	1	
A_IM-09 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing special characters shall be presented in a human-readable format	1	

without modification.		
A_IM-10 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing blank names shall be presented in a human-readable format without modification.	1	
A_IM-11 If a cellular forensic tool successfully completes acquisition of the target device then all known email addresses associated with address book entries shall be presented in a human-readable format without modification.	1	
A_IM-12 If a cellular forensic tool successfully completes acquisition of the target device then all known graphics associated with address book entries shall be presented in a human-readable format without modification.	1	
A_IM-13 If a cellular forensic tool successfully completes acquisition of the target device then all known datebook, calendar, note entries shall be presented in a human-readable format without modification.	1	
A_IM-14 If a cellular forensic tool successfully completes acquisition of the target device then all maximum length datebook, calendar, note entries shall be presented in a human readable format without modification.	1	
A_IM-16 If a cellular forensic tool successfully completes acquisition of the target device then all text messages (i.e., SMS, EMS) messages shall be presented in a human-readable format without modification.	1	
A_IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.	5	
A_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.	5	
A_IMO-25 If a cellular forensic tool provides a preview-pane view and a generated report of the acquired data then the reports shall maintain consistency of all reported data elements.	1	
A_IMO-27 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall successfully complete the acquisition and present the data in a human-readable format.	1	
A_IMO-28 If the cellular forensic tool supports a physical acquisition of address book entries present on the target device then the tool shall report recoverable deleted entries or data remnants in a human-readable format.	1	
A_IMO-29 If the cellular forensic tool supports a physical acquisition of calendar, tasks, or notes present on the target device then the tool shall report recoverable deleted calendar, tasks, or note entries or data remnants in a human-readable format.	1	
A_IMO-30 If the cellular forensic tool supports a physical acquisition of call logs present on the target device then the tool shall report recoverable deleted call log data or data remnants in a human-readable	1	

format.		
A_IMO-31 If the cellular forensic tool supports a physical acquisition of SMS messages present on the target device then the tool shall report recoverable deleted SMS messages or SMS message data remnants in a human-readable format.	1	
A_IMO-32 If the cellular forensic tool supports a physical acquisition of EMS messages present on the target device then the tool shall report recoverable deleted EMS messages or EMS message data remnants in a human-readable format.	1	
A_IMO-33 If the cellular forensic tool supports a physical acquisition of audio files present on the target device then the tool shall report recoverable deleted audio data or audio file data remnants in a human-readable format.	1	
A_IMO-34 If the cellular forensic tool supports a physical acquisition of graphic files present on the target device then the tool shall report recoverable deleted graphic file data or graphic file data remnants in a human-readable format.	1	
A_IMO-35 If the cellular forensic tool supports a physical acquisition of video files present on the target device then the tool shall report recoverable deleted video file data or video file data remnants in a human-readable format.	1	
A_IMO-36 If the cellular forensic tool supports log creation then the application should present the log files consistent with the application documentation (e.g., outlining the acquisition process).	1	
A_IMO-37 If the cellular forensic tool supports proper display of foreign language character sets then the application should present address book entries containing foreign language characters in their native format without modification.	1	
A_IMO-38 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.	1	3.2

Tables 4a–4d list the assertions that were not tested, usually due to the tool not supporting an optional feature.

Table 4a: Assertions Not Tested (LG VX5400, SCH u740)

Assertions not Tested
A_IMO-26 If modification is attempted to the case file or individual data elements via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
A_IMO-28 If the cellular forensic tool supports a physical acquisition of address book entries present on the target device then the tool shall report recoverable deleted entries or data remnants in a human-readable format.
A_IMO-29 If the cellular forensic tool supports a physical acquisition of calendar, tasks,

or notes present on the target device then the tool shall report recoverable deleted calendar, tasks, or note entries or data remnants in a human-readable format.
A_IMO-30 If the cellular forensic tool supports a physical acquisition of call logs present on the target device then the tool shall report recoverable deleted call log data or data remnants in a human-readable format.
A_IMO-31 If the cellular forensic tool supports a physical acquisition of SMS messages present on the target device then the tool shall report recoverable deleted SMS messages or SMS message data remnants in a human-readable format.
A_IMO-32 If the cellular forensic tool supports a physical acquisition of EMS messages present on the target device then the tool shall report recoverable deleted EMS messages or EMS message data remnants in a human-readable format.
A_IMO-33 If the cellular forensic tool supports a physical acquisition of audio files present on the target device then the tool shall report recoverable deleted audio data or audio file data remnants in a human-readable format.
A_IMO-34 If the cellular forensic tool supports a physical acquisition of graphic files present on the target device then the tool shall report recoverable deleted graphic file data or graphic file data remnants in a human-readable format.
A_IMO-35 If the cellular forensic tool supports a physical acquisition of video files present on the target device then the tool shall report recoverable deleted video file data or video file data remnants in a human-readable format.
A_IMO-39 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
A_IMO-40 If the cellular forensic tool supports hashing the overall case file then the tool shall present the user with one hash value representing the entire case data.

Table 4b: Assertions Not Tested (LG VX6100)

Assertions not Tested
A_IM-02 If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall have the ability to identify that the device is not supported.
A_IM-03 If a cellular forensic tool encounters disengagement between the device and application then the application shall notify the user that connectivity has been disrupted.
A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.
A_IM-05 If a cellular forensic tool successfully completes acquisition of the target device then subscriber related information shall be presented in a human-readable format without modification.
A_IM-06 If a cellular forensic tool successfully completes acquisition of the target device then equipment related information shall be presented in a human-readable format without modification.
A_IM-07 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries shall be presented in a human-readable format without modification.
A_IM-08 If a cellular forensic tool successfully completes acquisition of the target device then all known maximum length address book entries shall be presented in a human-

readable format without modification.
A_IM-09 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing special characters shall be presented in a human-readable format without modification.
A_IM-10 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing blank names shall be presented in a human-readable format without modification.
A_IM-11 If a cellular forensic tool successfully completes acquisition of the target device then all known email addresses associated with address book entries shall be presented in a human-readable format without modification.
A_IM-12 If a cellular forensic tool successfully completes acquisition of the target device then all known graphics associated with address book entries shall be presented in a human-readable format without modification.
A_IM-13 If a cellular forensic tool successfully completes acquisition of the target device then all known datebook, calendar, note entries shall be presented in a human-readable format without modification.
A_IM-14 If a cellular forensic tool successfully completes acquisition of the target device then all maximum length datebook, calendar, note entries shall be presented in a human readable format without modification.
A_IM-15 If a cellular forensic tool successfully completes acquisition of the target device then all call logs (incoming/outgoing) shall be presented in a human-readable format without modification.
A_IM-16 If a cellular forensic tool successfully completes acquisition of the target device then all text messages (i.e., SMS, EMS) messages shall be presented in a human-readable format without modification.
A_IM-17 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated audio shall be presented properly without modification.
A_IM-18 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated images shall be presented properly without modification.
A_IM-19 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated video shall be presented properly without modification.
A_IM-20 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone audio files shall be playable via either an internal application or suggested third-party application without modification.
A_IM-21 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone image files shall be viewable via either an internal application or suggested third-party application without modification.
A_IM-22 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone video files shall be viewable via either an internal application or suggested third-party application without modification.
A_IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.

A_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.
A_IMO-25 If a cellular forensic tool provides a preview-pane view and a generated report of the acquired data then the reports shall maintain consistency of all reported data elements.
A_IMO-26 If modification is attempted to the case file or individual data elements via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
A_IMO-27 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall successfully complete the acquisition and present the data in a human-readable format.
A_IMO-28 If the cellular forensic tool supports a physical acquisition of address book entries present on the target device then the tool shall report recoverable deleted entries or data remnants in a human-readable format.
A_IMO-29 If the cellular forensic tool supports a physical acquisition of calendar, tasks, or notes present on the target device then the tool shall report recoverable deleted calendar, tasks, or note entries or data remnants in a human-readable format.
A_IMO-30 If the cellular forensic tool supports a physical acquisition of call logs present on the target device then the tool shall report recoverable deleted call log data or data remnants in a human-readable format.
A_IMO-31 If the cellular forensic tool supports a physical acquisition of SMS messages present on the target device then the tool shall report recoverable deleted SMS messages or SMS message data remnants in a human-readable format.
A_IMO-32 If the cellular forensic tool supports a physical acquisition of EMS messages present on the target device then the tool shall report recoverable deleted EMS messages or EMS message data remnants in a human-readable format.
A_IMO-33 If the cellular forensic tool supports a physical acquisition of audio files present on the target device then the tool shall report recoverable deleted audio data or audio file data remnants in a human-readable format.
A_IMO-34 If the cellular forensic tool supports a physical acquisition of graphic files present on the target device then the tool shall report recoverable deleted graphic file data or graphic file data remnants in a human-readable format.
A_IMO-35 If the cellular forensic tool supports a physical acquisition of video files present on the target device then the tool shall report recoverable deleted video file data or video file data remnants in a human-readable format.
A_IMO-36 If the cellular forensic tool supports log creation then the application should present the log files consistent with the application documentation (e.g., outlining the acquisition process).
A_IMO-37 If the cellular forensic tool supports proper display of foreign language character sets then the application should present address book entries containing foreign language characters in their native format without modification.
A_IMO-38 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.
A_IMO-39 If the cellular forensic tool supports hashing for individual data objects then

the tool shall present the user with a hash value for each supported data object.

A_IMO-40 If the cellular forensic tool supports hashing the overall case file then the tool shall present the user with one hash value representing the entire case data.

Table 4c: Assertions Not Tested (Moto v710)

Assertions not Tested
A_IM-15 If a cellular forensic tool successfully completes acquisition of the target device then all call logs (incoming/outgoing) shall be presented in a human-readable format without modification.
A_IMO-26 If modification is attempted to the case file or individual data elements via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
A_IMO-28 If the cellular forensic tool supports a physical acquisition of address book entries present on the target device then the tool shall report recoverable deleted entries or data remnants in a human-readable format.
A_IMO-29 If the cellular forensic tool supports a physical acquisition of calendar, tasks, or notes present on the target device then the tool shall report recoverable deleted calendar, tasks, or note entries or data remnants in a human-readable format.
A_IMO-30 If the cellular forensic tool supports a physical acquisition of call logs present on the target device then the tool shall report recoverable deleted call log data or data remnants in a human-readable format.
A_IMO-31 If the cellular forensic tool supports a physical acquisition of SMS messages present on the target device then the tool shall report recoverable deleted SMS messages or SMS message data remnants in a human-readable format.
A_IMO-32 If the cellular forensic tool supports a physical acquisition of EMS messages present on the target device then the tool shall report recoverable deleted EMS messages or EMS message data remnants in a human-readable format.
A_IMO-33 If the cellular forensic tool supports a physical acquisition of audio files present on the target device then the tool shall report recoverable deleted audio data or audio file data remnants in a human-readable format.
A_IMO-34 If the cellular forensic tool supports a physical acquisition of graphic files present on the target device then the tool shall report recoverable deleted graphic file data or graphic file data remnants in a human-readable format.
A_IMO-35 If the cellular forensic tool supports a physical acquisition of video files present on the target device then the tool shall report recoverable deleted video file data or video file data remnants in a human-readable format.
A_IMO-39 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
A_IMO-40 If the cellular forensic tool supports hashing the overall case file then the tool shall present the user with one hash value representing the entire case data.

Table 4d: Assertions Not Tested (Samsung SPH-a660)

Assertions not Tested
A_IM-15 If a cellular forensic tool successfully completes acquisition of the target device then all call logs (incoming/outgoing) shall be presented in a human-readable format

without modification.
A_IM-17 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated audio shall be presented properly without modification.
A_IM-18 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated images shall be presented properly without modification.
A_IM-19 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated video shall be presented properly without modification.
A_IM-20 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone audio files shall be playable via either an internal application or suggested third-party application without modification.
A_IM-21 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone image files shall be viewable via either an internal application or suggested third-party application without modification.
A_IM-22 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone video files shall be viewable via either an internal application or suggested third-party application without modification.
A_IMO-26 If modification is attempted to the case file or individual data elements via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
A_IMO-39 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
A_IMO-40 If the cellular forensic tool supports hashing the overall case file then the tool shall present the user with one hash value representing the entire case data.

3.1 Device Connectivity

Connectivity with the LG VX6100 over a cable interface was not established. BitPim generated the following log file:

```
13:23:38.108 COM11: Opening port COM11, 115200 baud, timeout 3.000000, hardwareflow 0, softwareflow 0
13:23:38.233 COM11: Open of comm port succeeded
13:23:38.233 LG-VX6100: Attempting to contact phone
13:23:38.233 LG-VX6100: Listing subdirs in dir: ''
13:23:38.250 LG-VX6100: X recurse=0
13:23:41.265 COM11: Timed out - flushing and trying again
13:23:44.265 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:23:47.280 COM11: Timed out - flushing and trying again
13:23:50.296 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:23:50.342 COM11: Changed port speed to 38400
13:23:53.858 COM11: Timed out - flushing and trying again
13:23:56.875 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:23:56.921 COM11: Changed port speed to 115200
13:24:00.437 COM11: Timed out - flushing and trying again
13:24:03.453 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:24:06.467 LG-VX6100: No response to AT+GMM
13:24:09.483 LG-VX6100: No response to setting QCDMG mode
13:24:09.530 COM11: Changed port speed to 115200
13:24:13.046 LG-VX6100: No response to AT+GMM
13:24:16.062 LG-VX6100: No response to setting QCDMG mode
13:24:16.125 COM11: Changed port speed to 19200
13:24:19.640 LG-VX6100: No response to AT+GMM
13:24:22.640 LG-VX6100: No response to setting QCDMG mode
13:24:22.703 COM11: Changed port speed to 230400
13:24:26.217 LG-VX6100: No response to AT+GMM
13:24:29.233 LG-VX6100: No response to setting QCDMG mode
13:24:32.250 COM11: Timed out - flushing and trying again
13:24:35.250 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:24:35.312 COM11: Changed port speed to 38400
13:24:38.828 COM11: Timed out - flushing and trying again
13:24:41.828 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:24:41.890 COM11: Changed port speed to 115200
13:24:45.405 COM11: Timed out - flushing and trying again
13:24:48.421 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:24:48.421 Failed to read filesystem
13:24:48.421 LG-VX6100: Listing files in dir: ''
13:24:51.437 COM11: Timed out - flushing and trying again
13:24:54.437 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes read
13:24:57.453 COM11: Timed out - flushing and trying again
```

3.2 Acquisition of Data Containing Non-ASCII Characters

Address book entries containing non-ASCII characters were not reported in their native format (e.g., characters containing accent marks such as: à, é were excluded) for the following devices: LG vx5400, Samsung SCH u740.

Text messages containing non-ASCII characters were not reported in their native format (e.g., characters containing accent marks such as: à, é were excluded from the text) for the following devices: LG vx5400, Motorola v710, Samsung SCH u740, Samsung SPH a660.

Address book entries and text messages containing characters such as: 阿恶哈拉 were not reported.

4 Testing Environment

The tests were run in the NIST CFTT lab. This section describes the test computers available for testing.

One test computer was used.

Morrisy has the following configuration:

Intel® D975XBX2 Motherboard
BIOS Version BX97520J.86A.2674.2007.0315.1546
Intel® Core™2 Duo CPU 6700 @ 2.66Ghz
3.25 GB RAM
1.44 MB floppy drive
LITE-ON CD H LH52N1P
LITE-ON DVDRW LH-20A1P
2 slots for removable SATA hard disk drive
8 USB 2.0 slots
2 IEEE 1394 ports
3 IEEE 1394 ports (mini)

5 Test Results

The main item of interest for interpreting the test results is determining the conformance of the device with the test assertions. Conformance with each assertion tested by a given test case is evaluated by examining **Log File Highlights** box of the test report summary.

5.1 Test Results Report Key

A summary of the actual test results is presented in this report. The following table presents a description of each section of the test report summary.

Table 2 Test Results Report Key

Heading	Description
First Line:	Test case ID, name, and version of tool tested.
Case Summary:	Test case summary from <i>Non-GSM Mobile Tool Test Assertions and Test Plan Version 1.1</i> .
Assertions:	The test assertions applicable to the test case, selected from <i>Non-GSM Mobile Device Tool Test Assertions and Test Plan Version 1.1</i> .
Tester Name:	Name or initials of person executing test procedure.
Test Host:	Host computer executing the test.
Test Date:	Time and date that test was started.
Device:	Source mobile device.
Source Setup:	Outline of data object types populated on the device.
Log Highlights:	Information extracted from various log files to illustrate conformance or nonconformance to the test assertions.
Results:	Expected and actual results for each assertion tested.
Analysis:	Whether or not the expected results were achieved.

5.2 Test Details

5.2.1 CFT-IM-01 (LG VX5400)

Test Case CFT-IM-01 BitPim 1.0.6-official																																																																																			
Case Summary:	CFT-IM-01 Acquire mobile device internal memory over supported interfaces (e.g., cable, Bluetooth, IrDA).																																																																																		
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).																																																																																		
Tester Name:	rpa																																																																																		
Test Host:	Morrisy																																																																																		
Test Date:	Mon Jul 13 12:00:26 EDT 2009																																																																																		
Device:	LG vx5400																																																																																		
Source Setup:	OS: WIN XP Interface: cable																																																																																		
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries	Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data	Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs	Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages	Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages	Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files	Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																		
Address Book Entries	Maximum Length																																																																																		
	Regular Length, email, picture																																																																																		
	Special Character																																																																																		
	Blank Name																																																																																		
	Regular Length, Deleted email - deleted picture																																																																																		
	Deleted Entry																																																																																		
	Foreign Entry																																																																																		
PIM Data	Maximum Length																																																																																		
	Regular Length																																																																																		
	Deleted Entry																																																																																		
	Special Character																																																																																		
Call Logs	Missed																																																																																		
	Missed - Deleted																																																																																		
	Incoming																																																																																		
	Incoming - Deleted																																																																																		
	Outgoing																																																																																		
	Outgoing - Deleted																																																																																		
Text Messages	Incoming SMS - Read																																																																																		
	Incoming SMS - Unread																																																																																		
	Incoming SMS - Deleted																																																																																		
	Outgoing SMS																																																																																		
	Outgoing SMS - Deleted																																																																																		
	Incoming EMS - Read																																																																																		
	Incoming EMS - Unread																																																																																		
	Incoming Foreign EMS - Read																																																																																		
	Incoming EMS - Deleted																																																																																		
	Outgoing EMS																																																																																		
	Outgoing EMS - Deleted																																																																																		
MMS Messages	Incoming Audio																																																																																		
	Incoming Image																																																																																		
	Incoming Video																																																																																		
	Outgoing Audio																																																																																		
	Outgoing Image																																																																																		
	Outgoing Video																																																																																		
Stand-alone data files	Audio																																																																																		
	Audio - Deleted																																																																																		
	Image																																																																																		
	Image - Deleted																																																																																		
	Video																																																																																		
	Video - Deleted																																																																																		

Test Case CFT-IM-01 BitPim 1.0.6-official					
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Mon Jul 13 12:00:26 EDT 2009 Acquisition finished: Mon Jul 13 12:03:19 EDT 2009</p> <p>Device connectivity was established via supported interface</p>				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
A IM-01 Device connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

5.2.2 CFT-IM-02 (LG VX5400)

Test Case CFT-IM-02 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IM-02 Attempt internal memory acquisition of a non-supported mobile device.																																																																																														
Assertions:	A IM-02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall have the ability to identify that the device is not supported.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Mon Jul 13 12:04:23 EDT 2009																																																																																														
Device:	non supported device																																																																																														
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														
Log	Created By BitPim Version 1.0.6 - official																																																																																														

Test Case CFT-IM-02 BitPim 1.0.6-official					
Highlights:	Acquisition started: Mon Jul 13 12:04:23 EDT 2009 Acquisition finished: Mon Jul 13 12:05:50 EDT 2009 Identification of non-supported devices was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-02 Identification of non-supported devices.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-02 Identification of non-supported devices.	as expected
Assertion & Expected Result	Actual Result				
A IM-02 Identification of non-supported devices.	as expected				
Analysis:	Expected results achieved				

5.2.3 CFT-IM-03 (LG VX5400)

Test Case CFT-IM-03 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IM-03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.																																																																																														
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). A_IM-03 If a cellular forensic tool encounters disengagement between the device and application then the application shall notify the user that connectivity has been disrupted.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Mon Jul 13 12:19:01 EDT 2009																																																																																														
Device:	LG vx5400																																																																																														
Source Setup:	OS: WIN XP Interface: cable																																																																																														
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														

Test Case CFT-IM-03 BitPim 1.0.6-official							
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Mon Jul 13 12:19:01 EDT 2009 Acquisition finished: Mon Jul 13 12:21:48 EDT 2009</p> <p>Device connectivity was established via supported interface Device acquisition disruption notification was successful</p>						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A IM-03 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A IM-03 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result						
A IM-01 Device connectivity via supported interfaces.	as expected						
A IM-03 Notification of device acquisition disruption.	as expected						
Analysis:	Expected results achieved						

5.2.4 CFT-IM-04 (LG VX5400)

Test Case CFT-IM-04 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IM-04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.																																																																																														
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Mon Jul 13 12:29:50 EDT 2009																																																																																														
Device:	LG vx5400																																																																																														
Source Setup:	OS: WIN XP Interface: cable																																																																																														
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														

Test Case CFT-IM-04 BitPim 1.0.6-official							
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Mon Jul 13 12:29:50 EDT 2009 Acquisition finished: Mon Jul 13 12:35:07 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful</p>						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result						
A IM-01 Device connectivity via supported interfaces.	as expected						
A_IM-04 Readability and completeness of acquired data via supported reports.	as expected						
Analysis:	Expected results achieved						

5.2.5 CFT-IM-05 (LG VX5400)

Test Case CFT-IM-05 BitPim 1.0.6-official																																																																									
Case Summary:	CFT-IM-05 Acquire mobile device internal memory and review reported subscriber and equipment related information (i.e., MEID, MSISDN).																																																																								
Assertions:	<p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-05 If a cellular forensic tool successfully completes acquisition of the target device then subscriber related information shall be presented in a human-readable format without modification.</p> <p>A_IM-06 If a cellular forensic tool successfully completes acquisition of the target device then equipment related information shall be presented in a human-readable format without modification.</p>																																																																								
Tester Name:	rpa																																																																								
Test Host:	Morrisy																																																																								
Test Date:	Mon Jul 13 12:49:29 EDT 2009																																																																								
Device:	LG vx5400																																																																								
Source Setup:	OS: WIN XP Interface: cable <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries	Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data	Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs	Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages	Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages	Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files	
DATA OBJECTS	DATA ELEMENTS																																																																								
Address Book Entries	Maximum Length																																																																								
	Regular Length, email, picture																																																																								
	Special Character																																																																								
	Blank Name																																																																								
	Regular Length, Deleted email - deleted picture																																																																								
	Deleted Entry																																																																								
	Foreign Entry																																																																								
PIM Data	Maximum Length																																																																								
	Regular Length																																																																								
	Deleted Entry																																																																								
	Special Character																																																																								
Call Logs	Missed																																																																								
	Missed - Deleted																																																																								
	Incoming																																																																								
	Incoming - Deleted																																																																								
	Outgoing																																																																								
	Outgoing - Deleted																																																																								
Text Messages	Incoming SMS - Read																																																																								
	Incoming SMS - Unread																																																																								
	Incoming SMS - Deleted																																																																								
	Outgoing SMS																																																																								
	Outgoing SMS - Deleted																																																																								
	Incoming EMS - Read																																																																								
	Incoming EMS - Unread																																																																								
	Incoming Foreign EMS - Read																																																																								
	Incoming EMS - Deleted																																																																								
	Outgoing EMS																																																																								
	Outgoing EMS - Deleted																																																																								
MMS Messages	Incoming Audio																																																																								
	Incoming Image																																																																								
	Incoming Video																																																																								
	Outgoing Audio																																																																								
	Outgoing Image																																																																								
	Outgoing Video																																																																								
Stand-alone data files																																																																									

Test Case CFT-IM-05 BitPim 1.0.6-official													
	<table border="1"> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>		Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
	Audio												
	Audio - Deleted												
	Image												
	Image - Deleted												
	Video												
	Video - Deleted												
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Mon Jul 13 12:49:29 EDT 2009 Acquisition finished: Mon Jul 13 12:54:20 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful Subscriber and Equipment related data (i.e., MSISDN, MEID) were acquired</p>												
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A IM-05 Acquisition of MSISDN.</td> <td>as expected</td> </tr> <tr> <td>A IM-06 Acquisition of MEID.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected	A IM-05 Acquisition of MSISDN.	as expected	A IM-06 Acquisition of MEID.	as expected		
Assertion & Expected Result	Actual Result												
A IM-01 Device connectivity via supported interfaces.	as expected												
A_IM-04 Readability and completeness of acquired data via supported reports.	as expected												
A IM-05 Acquisition of MSISDN.	as expected												
A IM-06 Acquisition of MEID.	as expected												
Analysis:	Expected results achieved												

5.2.6 CFT-IM-06 (LG VX5400)

Test Case CFT-IM-06 BitPim 1.0.6-official																									
Case Summary:	CFT-IM-06 Acquire mobile device internal memory and review reported PIM related data.																								
Assertions:	<p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-07 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-08 If a cellular forensic tool successfully completes acquisition of the target device then all known maximum length address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-09 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing special characters shall be presented in a human-readable format without modification.</p> <p>A_IM-10 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing blank names shall be presented in a human-readable format without modification.</p> <p>A_IM-11 If a cellular forensic tool successfully completes acquisition of the target device then all known email addresses associated with address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-12 If a cellular forensic tool successfully completes acquisition of the target device then all known graphics associated with address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-13 If a cellular forensic tool successfully completes acquisition of the target device then all known datebook, calendar, note entries shall be presented in a human-readable format without modification.</p> <p>A_IM-14 If a cellular forensic tool successfully completes acquisition of the target device then all maximum length datebook, calendar, note entries shall be presented in a human readable format without modification.</p>																								
Tester Name:	rpa																								
Test Host:	Morrisy																								
Test Date:	Mon Jul 13 13:18:05 EDT 2009																								
Device:	LG vx5400																								
Source Setup:	OS: WIN XP Interface: cable <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td rowspan="10">Address Book Entries</td> <td>Maximum Length</td> </tr> <tr> <td>Regular Length, email, picture</td> </tr> <tr> <td>Special Character</td> </tr> <tr> <td>Blank Name</td> </tr> <tr> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td>Deleted Entry</td> </tr> <tr> <td>Foreign Entry</td> </tr> <tr> <td rowspan="4">PIM Data</td> <td>Maximum Length</td> </tr> <tr> <td>Regular Length</td> </tr> <tr> <td>Deleted Entry</td> </tr> <tr> <td>Special Character</td> </tr> <tr> <td rowspan="6">Call Logs</td> <td>Missed</td> </tr> <tr> <td>Missed - Deleted</td> </tr> <tr> <td>Incoming</td> </tr> <tr> <td>Incoming - Deleted</td> </tr> <tr> <td>Outgoing</td> </tr> <tr> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries	Maximum Length	Regular Length, email, picture	Special Character	Blank Name	Regular Length, Deleted email - deleted picture	Deleted Entry	Foreign Entry	PIM Data	Maximum Length	Regular Length	Deleted Entry	Special Character	Call Logs	Missed	Missed - Deleted	Incoming	Incoming - Deleted	Outgoing	Outgoing - Deleted	Text Messages	
DATA OBJECTS	DATA ELEMENTS																								
Address Book Entries	Maximum Length																								
	Regular Length, email, picture																								
	Special Character																								
	Blank Name																								
	Regular Length, Deleted email - deleted picture																								
	Deleted Entry																								
	Foreign Entry																								
	PIM Data	Maximum Length																							
		Regular Length																							
		Deleted Entry																							
Special Character																									
Call Logs	Missed																								
	Missed - Deleted																								
	Incoming																								
	Incoming - Deleted																								
	Outgoing																								
	Outgoing - Deleted																								
Text Messages																									

Test Case CFT-IM-06 BitPim 1.0.6-official																																																			
	<table border="1"> <tr><td></td><td>Incoming SMS - Read</td></tr> <tr><td></td><td>Incoming SMS - Unread</td></tr> <tr><td></td><td>Incoming SMS - Deleted</td></tr> <tr><td></td><td>Outgoing SMS</td></tr> <tr><td></td><td>Outgoing SMS - Deleted</td></tr> <tr><td></td><td>Incoming EMS - Read</td></tr> <tr><td></td><td>Incoming EMS - Unread</td></tr> <tr><td></td><td>Incoming Foreign EMS - Read</td></tr> <tr><td></td><td>Incoming EMS - Deleted</td></tr> <tr><td></td><td>Outgoing EMS</td></tr> <tr><td></td><td>Outgoing EMS - Deleted</td></tr> <tr><td>MMS Messages</td><td></td></tr> <tr><td></td><td>Incoming Audio</td></tr> <tr><td></td><td>Incoming Image</td></tr> <tr><td></td><td>Incoming Video</td></tr> <tr><td></td><td>Outgoing Audio</td></tr> <tr><td></td><td>Outgoing Image</td></tr> <tr><td></td><td>Outgoing Video</td></tr> <tr><td>Stand-alone data files</td><td></td></tr> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>		Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
	Incoming SMS - Read																																																		
	Incoming SMS - Unread																																																		
	Incoming SMS - Deleted																																																		
	Outgoing SMS																																																		
	Outgoing SMS - Deleted																																																		
	Incoming EMS - Read																																																		
	Incoming EMS - Unread																																																		
	Incoming Foreign EMS - Read																																																		
	Incoming EMS - Deleted																																																		
	Outgoing EMS																																																		
	Outgoing EMS - Deleted																																																		
MMS Messages																																																			
	Incoming Audio																																																		
	Incoming Image																																																		
	Incoming Video																																																		
	Outgoing Audio																																																		
	Outgoing Image																																																		
	Outgoing Video																																																		
Stand-alone data files																																																			
	Audio																																																		
	Audio - Deleted																																																		
	Image																																																		
	Image - Deleted																																																		
	Video																																																		
	Video - Deleted																																																		
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Mon Jul 13 13:18:05 EDT 2009 Acquisition finished: Mon Jul 13 13:21:47 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired</p>																																																		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_IM-07 Acquisition of address book entries.</td> <td>as expected</td> </tr> <tr> <td>A_IM-08 Acquisition of maximum length address book entries.</td> <td>as expected</td> </tr> <tr> <td>A_IM-09 Acquisition of address book entries containing special characters.</td> <td>as expected</td> </tr> <tr> <td>A_IM-10 Acquisition of address book entries containing a blank name entry.</td> <td>as expected</td> </tr> <tr> <td>A_IM-11 Acquisition of embedded email addresses within address book entries.</td> <td>as expected</td> </tr> <tr> <td>A_IM-12 Acquisition of embedded graphics within address book entries.</td> <td>as expected</td> </tr> <tr> <td>A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).</td> <td>as expected</td> </tr> <tr> <td>A_IM-14 Acquisition of maximum length PIM data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IM-01 Device connectivity via supported interfaces.	as expected	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected	A_IM-07 Acquisition of address book entries.	as expected	A_IM-08 Acquisition of maximum length address book entries.	as expected	A_IM-09 Acquisition of address book entries containing special characters.	as expected	A_IM-10 Acquisition of address book entries containing a blank name entry.	as expected	A_IM-11 Acquisition of embedded email addresses within address book entries.	as expected	A_IM-12 Acquisition of embedded graphics within address book entries.	as expected	A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected	A_IM-14 Acquisition of maximum length PIM data.	as expected																												
Assertion & Expected Result	Actual Result																																																		
A_IM-01 Device connectivity via supported interfaces.	as expected																																																		
A_IM-04 Readability and completeness of acquired data via supported reports.	as expected																																																		
A_IM-07 Acquisition of address book entries.	as expected																																																		
A_IM-08 Acquisition of maximum length address book entries.	as expected																																																		
A_IM-09 Acquisition of address book entries containing special characters.	as expected																																																		
A_IM-10 Acquisition of address book entries containing a blank name entry.	as expected																																																		
A_IM-11 Acquisition of embedded email addresses within address book entries.	as expected																																																		
A_IM-12 Acquisition of embedded graphics within address book entries.	as expected																																																		
A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected																																																		
A_IM-14 Acquisition of maximum length PIM data.	as expected																																																		
Analysis:	Expected results achieved																																																		

5.2.7 CFT-IM-07 (LG VX5400)

Test Case CFT-IM-07 BitPim 1.0.6-official																																																																																									
Case Summary:	CFT-IM-07 Acquire mobile device internal memory and review reported call logs.																																																																																								
Assertions:	<p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-15 If a cellular forensic tool successfully completes acquisition of the target device then all call logs (incoming/outgoing) shall be presented in a human-readable format without modification.</p>																																																																																								
Tester Name:	rpa																																																																																								
Test Host:	Morrisy																																																																																								
Test Date:	Mon Jul 13 13:22:38 EDT 2009																																																																																								
Device:	LG vx5400																																																																																								
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image
DATA OBJECTS	DATA ELEMENTS																																																																																								
Address Book Entries																																																																																									
	Maximum Length																																																																																								
	Regular Length, email, picture																																																																																								
	Special Character																																																																																								
	Blank Name																																																																																								
	Regular Length, Deleted email - deleted picture																																																																																								
	Deleted Entry																																																																																								
	Foreign Entry																																																																																								
PIM Data																																																																																									
	Maximum Length																																																																																								
	Regular Length																																																																																								
	Deleted Entry																																																																																								
	Special Character																																																																																								
Call Logs																																																																																									
	Missed																																																																																								
	Missed - Deleted																																																																																								
	Incoming																																																																																								
	Incoming - Deleted																																																																																								
	Outgoing																																																																																								
	Outgoing - Deleted																																																																																								
Text Messages																																																																																									
	Incoming SMS - Read																																																																																								
	Incoming SMS - Unread																																																																																								
	Incoming SMS - Deleted																																																																																								
	Outgoing SMS																																																																																								
	Outgoing SMS - Deleted																																																																																								
	Incoming EMS - Read																																																																																								
	Incoming EMS - Unread																																																																																								
	Incoming Foreign EMS - Read																																																																																								
	Incoming EMS - Deleted																																																																																								
	Outgoing EMS																																																																																								
	Outgoing EMS - Deleted																																																																																								
MMS Messages																																																																																									
	Incoming Audio																																																																																								
	Incoming Image																																																																																								
	Incoming Video																																																																																								
	Outgoing Audio																																																																																								
	Outgoing Image																																																																																								
	Outgoing Video																																																																																								
Stand-alone data files																																																																																									
	Audio																																																																																								
	Audio - Deleted																																																																																								
	Image																																																																																								

Test Case CFT-IM-07 BitPim 1.0.6-official									
	<table border="1"> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </table>		Image - Deleted		Video		Video - Deleted		
	Image - Deleted								
	Video								
	Video - Deleted								
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Mon Jul 13 13:22:38 EDT 2009 Acquisition finished: Mon Jul 13 13:26:11 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful All Call Logs (incoming, outgoing) were acquired</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A IM-15 Acquisition of call logs.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A IM-04 Readability and completeness of acquired data via supported reports.	as expected	A IM-15 Acquisition of call logs.	as expected
Assertion & Expected Result	Actual Result								
A IM-01 Device connectivity via supported interfaces.	as expected								
A IM-04 Readability and completeness of acquired data via supported reports.	as expected								
A IM-15 Acquisition of call logs.	as expected								
Analysis:	Expected results achieved								

5.2.8 CFT-IM-08 (LG VX5400)

Test Case CFT-IM-08 BitPim 1.0.6-official																																																																																									
Case Summary:	CFT-IM-08 Acquire mobile device internal memory and review reported text messages.																																																																																								
Assertions:	<p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-16 If a cellular forensic tool successfully completes acquisition of the target device then all text messages (i.e., SMS, EMS) messages shall be presented in a human-readable format without modification.</p>																																																																																								
Tester Name:	rpa																																																																																								
Test Host:	Morrisy																																																																																								
Test Date:	Mon Jul 13 13:27:45 EDT 2009																																																																																								
Device:	LG vx5400																																																																																								
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image
DATA OBJECTS	DATA ELEMENTS																																																																																								
Address Book Entries																																																																																									
	Maximum Length																																																																																								
	Regular Length, email, picture																																																																																								
	Special Character																																																																																								
	Blank Name																																																																																								
	Regular Length, Deleted email - deleted picture																																																																																								
	Deleted Entry																																																																																								
	Foreign Entry																																																																																								
PIM Data																																																																																									
	Maximum Length																																																																																								
	Regular Length																																																																																								
	Deleted Entry																																																																																								
	Special Character																																																																																								
Call Logs																																																																																									
	Missed																																																																																								
	Missed - Deleted																																																																																								
	Incoming																																																																																								
	Incoming - Deleted																																																																																								
	Outgoing																																																																																								
	Outgoing - Deleted																																																																																								
Text Messages																																																																																									
	Incoming SMS - Read																																																																																								
	Incoming SMS - Unread																																																																																								
	Incoming SMS - Deleted																																																																																								
	Outgoing SMS																																																																																								
	Outgoing SMS - Deleted																																																																																								
	Incoming EMS - Read																																																																																								
	Incoming EMS - Unread																																																																																								
	Incoming Foreign EMS - Read																																																																																								
	Incoming EMS - Deleted																																																																																								
	Outgoing EMS																																																																																								
	Outgoing EMS - Deleted																																																																																								
MMS Messages																																																																																									
	Incoming Audio																																																																																								
	Incoming Image																																																																																								
	Incoming Video																																																																																								
	Outgoing Audio																																																																																								
	Outgoing Image																																																																																								
	Outgoing Video																																																																																								
Stand-alone data files																																																																																									
	Audio																																																																																								
	Audio - Deleted																																																																																								
	Image																																																																																								

Test Case CFT-IM-08 BitPim 1.0.6-official									
	<table border="1"> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </table>		Image - Deleted		Video		Video - Deleted		
	Image - Deleted								
	Video								
	Video - Deleted								
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Mon Jul 13 13:27:45 EDT 2009 Acquisition finished: Mon Jul 13 13:37:22 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful ALL text messages (SMS, EMS) were acquired</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A IM-16 Acquisition of text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A IM-04 Readability and completeness of acquired data via supported reports.	as expected	A IM-16 Acquisition of text messages.	as expected
Assertion & Expected Result	Actual Result								
A IM-01 Device connectivity via supported interfaces.	as expected								
A IM-04 Readability and completeness of acquired data via supported reports.	as expected								
A IM-16 Acquisition of text messages.	as expected								
Analysis:	Expected results achieved								

5.2.9 CFT-IM-09 (LG VX5400)

Test Case CFT-IM-09 BitPim 1.0.6-official																																																																													
Case Summary:	CFT-IM-09 Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video).																																																																												
Assertions:	<p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-17 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated audio shall be presented properly without modification.</p> <p>A_IM-18 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated images shall be presented properly without modification.</p> <p>A_IM-19 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated video shall be presented properly without modification.</p>																																																																												
Tester Name:	rpa																																																																												
Test Host:	Morrisy																																																																												
Test Date:	Mon Jul 13 13:59:55 EDT 2009																																																																												
Device:	LG vx5400																																																																												
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio
DATA OBJECTS	DATA ELEMENTS																																																																												
Address Book Entries																																																																													
	Maximum Length																																																																												
	Regular Length, email, picture																																																																												
	Special Character																																																																												
	Blank Name																																																																												
	Regular Length, Deleted email - deleted picture																																																																												
	Deleted Entry																																																																												
	Foreign Entry																																																																												
PIM Data																																																																													
	Maximum Length																																																																												
	Regular Length																																																																												
	Deleted Entry																																																																												
	Special Character																																																																												
Call Logs																																																																													
	Missed																																																																												
	Missed - Deleted																																																																												
	Incoming																																																																												
	Incoming - Deleted																																																																												
	Outgoing																																																																												
	Outgoing - Deleted																																																																												
Text Messages																																																																													
	Incoming SMS - Read																																																																												
	Incoming SMS - Unread																																																																												
	Incoming SMS - Deleted																																																																												
	Outgoing SMS																																																																												
	Outgoing SMS - Deleted																																																																												
	Incoming EMS - Read																																																																												
	Incoming EMS - Unread																																																																												
	Incoming Foreign EMS - Read																																																																												
	Incoming EMS - Deleted																																																																												
	Outgoing EMS																																																																												
	Outgoing EMS - Deleted																																																																												
MMS Messages																																																																													
	Incoming Audio																																																																												
	Incoming Image																																																																												
	Incoming Video																																																																												
	Outgoing Audio																																																																												

Test Case CFT-IM-09 BitPim 1.0.6-official																			
	<table border="1"> <tr><td></td><td>Outgoing Image</td></tr> <tr><td></td><td>Outgoing Video</td></tr> <tr><td>Stand-alone data files</td><td></td></tr> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
	Outgoing Image																		
	Outgoing Video																		
Stand-alone data files																			
	Audio																		
	Audio - Deleted																		
	Image																		
	Image - Deleted																		
	Video																		
	Video - Deleted																		
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Mon Jul 13 13:59:55 EDT 2009 Acquisition finished: Mon Jul 13 14:09:39 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful Audio MMS messages were acquired Image MMS messages were acquired Video MMS messages were not acquired - NA</p>																		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A IM-17 Acquisition of audio MMS messages.</td> <td>as expected</td> </tr> <tr> <td>A IM-18 Acquisition of image MMS messages.</td> <td>as expected</td> </tr> <tr> <td>A IM-19 Acquisition of video MMS messages.</td> <td>NA</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected	A IM-17 Acquisition of audio MMS messages.	as expected	A IM-18 Acquisition of image MMS messages.	as expected	A IM-19 Acquisition of video MMS messages.	NA						
Assertion & Expected Result	Actual Result																		
A IM-01 Device connectivity via supported interfaces.	as expected																		
A_IM-04 Readability and completeness of acquired data via supported reports.	as expected																		
A IM-17 Acquisition of audio MMS messages.	as expected																		
A IM-18 Acquisition of image MMS messages.	as expected																		
A IM-19 Acquisition of video MMS messages.	NA																		
Analysis:	Expected results achieved																		

5.2.10 CFT-IM-10 (LG VX5400)

Test Case CFT-IM-10 BitPim 1.0.6-official																																																																							
Case Summary:	CFT-IM-10 Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video).																																																																						
Assertions:	<p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-20 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone audio files shall be playable via either an internal application or suggested third-party application without modification.</p> <p>A_IM-21 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone image files shall be viewable via either an internal application or suggested third-party application without modification.</p> <p>A_IM-22 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone video files shall be viewable via either an internal application or suggested third-party application without modification.</p>																																																																						
Tester Name:	rpa																																																																						
Test Host:	Morrisy																																																																						
Test Date:	Mon Jul 13 14:10:57 EDT 2009																																																																						
Device:	LG vx5400																																																																						
Source Setup:	OS: WIN XP Interface: cable <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio
DATA OBJECTS	DATA ELEMENTS																																																																						
Address Book Entries																																																																							
	Maximum Length																																																																						
	Regular Length, email, picture																																																																						
	Special Character																																																																						
	Blank Name																																																																						
	Regular Length, Deleted email - deleted picture																																																																						
	Deleted Entry																																																																						
	Foreign Entry																																																																						
PIM Data																																																																							
	Maximum Length																																																																						
	Regular Length																																																																						
	Deleted Entry																																																																						
	Special Character																																																																						
Call Logs																																																																							
	Missed																																																																						
	Missed - Deleted																																																																						
	Incoming																																																																						
	Incoming - Deleted																																																																						
	Outgoing																																																																						
	Outgoing - Deleted																																																																						
Text Messages																																																																							
	Incoming SMS - Read																																																																						
	Incoming SMS - Unread																																																																						
	Incoming SMS - Deleted																																																																						
	Outgoing SMS																																																																						
	Outgoing SMS - Deleted																																																																						
	Incoming EMS - Read																																																																						
	Incoming EMS - Unread																																																																						
	Incoming Foreign EMS - Read																																																																						
	Incoming EMS - Deleted																																																																						
	Outgoing EMS																																																																						
	Outgoing EMS - Deleted																																																																						
MMS Messages																																																																							
	Incoming Audio																																																																						

Test Case CFT-IM-10 BitPim 1.0.6-official																									
	<table border="1"> <tr><td></td><td>Incoming Image</td></tr> <tr><td></td><td>Incoming Video</td></tr> <tr><td></td><td>Outgoing Audio</td></tr> <tr><td></td><td>Outgoing Image</td></tr> <tr><td></td><td>Outgoing Video</td></tr> <tr><td>Stand-alone data files</td><td></td></tr> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
	Incoming Image																								
	Incoming Video																								
	Outgoing Audio																								
	Outgoing Image																								
	Outgoing Video																								
Stand-alone data files																									
	Audio																								
	Audio - Deleted																								
	Image																								
	Image - Deleted																								
	Video																								
	Video - Deleted																								
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Mon Jul 13 14:10:57 EDT 2009 Acquisition finished: Mon Jul 13 14:12:37 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful Audio files were acquired Image files were acquired Video files were not acquired - NA</p>																								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A IM-20 Acquisition of stand-alone audio files.</td> <td>as expected</td> </tr> <tr> <td>A IM-21 Acquisition of stand-alone graphic files.</td> <td>as expected</td> </tr> <tr> <td>A IM-22 Acquisition of stand-alone video files.</td> <td>NA</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected	A IM-20 Acquisition of stand-alone audio files.	as expected	A IM-21 Acquisition of stand-alone graphic files.	as expected	A IM-22 Acquisition of stand-alone video files.	NA												
Assertion & Expected Result	Actual Result																								
A IM-01 Device connectivity via supported interfaces.	as expected																								
A_IM-04 Readability and completeness of acquired data via supported reports.	as expected																								
A IM-20 Acquisition of stand-alone audio files.	as expected																								
A IM-21 Acquisition of stand-alone graphic files.	as expected																								
A IM-22 Acquisition of stand-alone video files.	NA																								
Analysis:	Expected results achieved																								

5.2.11 CFT-IMO-01 (LG VX5400)

Test Case CFT-IMO-01 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IMO-01 Acquire mobile device internal memory and review reported data via supported generated report formats.																																																																																														
Assertions:	A IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Tue Jul 14 08:08:16 EDT 2009																																																																																														
Device:	LG vx5400																																																																																														
Source Setup:	OS: WIN XP Interface: cable																																																																																														
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														
Log	Created By BitPim Version 1.0.6 - official																																																																																														

Test Case CFT-IMO-01 BitPim 1.0.6-official					
Highlights:	Acquisition started: Tue Jul 14 08:08:16 EDT 2009 Acquisition finished: Tue Jul 14 08:23:50 EDT 2009 Complete representation of known data via generated reports was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-23 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
Assertion & Expected Result	Actual Result				
A_IMO-23 Comparison of known device data elements via generated reports.	as expected				
Analysis:	Expected results achieved				

5.2.12 CFT-IMO-02 (LG VX5400)

Test Case CFT-IMO-02 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IMO-02 Acquire mobile device internal memory and review reported data via the preview-pane.																																																																																														
Assertions:	A IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Tue Jul 14 08:24:10 EDT 2009																																																																																														
Device:	LG vx5400																																																																																														
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														
Log	Created By BitPim Version 1.0.6 - official																																																																																														

Test Case CFT-IMO-02 BitPim 1.0.6-official					
Highlights:	Acquisition started: Tue Jul 14 08:24:10 EDT 2009 Acquisition finished: Tue Jul 14 08:27:37 EDT 2009 Complete representation of known data via preview-pane was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-24 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
Assertion & Expected Result	Actual Result				
A_IMO-24 Comparison of known device data elements via preview-pane.	as expected				
Analysis:	Expected results achieved				

5.2.13 CFT-IMO-03 (LG VX5400)

Test Case CFT-IMO-03 BitPim 1.0.6-official																																																																																													
Case Summary:	CFT-IMO-03 Acquire mobile device internal memory and compare reported data via the preview-pane and supported generated reports.																																																																																												
Assertions:	<p>A_IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.</p> <p>A_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.</p> <p>A_IMO-25 If a cellular forensic tool provides a preview-pane view and a generated report of the acquired data then the reports shall maintain consistency of all reported data elements.</p>																																																																																												
Tester Name:	rpa																																																																																												
Test Host:	Morrisy																																																																																												
Test Date:	Tue Jul 14 08:28:16 EDT 2009																																																																																												
Device:	LG vx5400																																																																																												
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video
DATA OBJECTS	DATA ELEMENTS																																																																																												
Address Book Entries																																																																																													
	Maximum Length																																																																																												
	Regular Length, email, picture																																																																																												
	Special Character																																																																																												
	Blank Name																																																																																												
	Regular Length, Deleted email - deleted picture																																																																																												
	Deleted Entry																																																																																												
	Foreign Entry																																																																																												
PIM Data																																																																																													
	Maximum Length																																																																																												
	Regular Length																																																																																												
	Deleted Entry																																																																																												
	Special Character																																																																																												
Call Logs																																																																																													
	Missed																																																																																												
	Missed - Deleted																																																																																												
	Incoming																																																																																												
	Incoming - Deleted																																																																																												
	Outgoing																																																																																												
	Outgoing - Deleted																																																																																												
Text Messages																																																																																													
	Incoming SMS - Read																																																																																												
	Incoming SMS - Unread																																																																																												
	Incoming SMS - Deleted																																																																																												
	Outgoing SMS																																																																																												
	Outgoing SMS - Deleted																																																																																												
	Incoming EMS - Read																																																																																												
	Incoming EMS - Unread																																																																																												
	Incoming Foreign EMS - Read																																																																																												
	Incoming EMS - Deleted																																																																																												
	Outgoing EMS																																																																																												
	Outgoing EMS - Deleted																																																																																												
MMS Messages																																																																																													
	Incoming Audio																																																																																												
	Incoming Image																																																																																												
	Incoming Video																																																																																												
	Outgoing Audio																																																																																												
	Outgoing Image																																																																																												
	Outgoing Video																																																																																												
Stand-alone data files																																																																																													
	Audio																																																																																												
	Audio - Deleted																																																																																												
	Image																																																																																												
	Image - Deleted																																																																																												
	Video																																																																																												

Test Case CFT-IMO-03 BitPim 1.0.6-official									
	Video - Deleted								
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Tue Jul 14 08:28:16 EDT 2009 Acquisition finished: Tue Jul 14 08:33:07 EDT 2009</p> <p>Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Consistency between generated reports and preview-pane was successful</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-23 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-24 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-25 Compare generated reports and preview-pane views for device acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IMO-23 Comparison of known device data elements via generated reports.	as expected	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected	A_IMO-25 Compare generated reports and preview-pane views for device acquisition.	as expected
Assertion & Expected Result	Actual Result								
A_IMO-23 Comparison of known device data elements via generated reports.	as expected								
A_IMO-24 Comparison of known device data elements via preview-pane.	as expected								
A_IMO-25 Compare generated reports and preview-pane views for device acquisition.	as expected								
Analysis:	Expected results achieved								

5.2.14 CFT-IMO-05 (LG VX5400)

Test Case CFT-IMO-05 BitPim 1.0.6-official																																																																																													
Case Summary:	CFT-IMO-05 Perform a physical acquisition and review data output for readability.																																																																																												
Assertions:	<p>A_IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.</p> <p>A_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.</p> <p>A_IMO-27 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall successfully complete the acquisition and present the data in a human-readable format.</p>																																																																																												
Tester Name:	rpa																																																																																												
Test Host:	Morrisy																																																																																												
Test Date:	Tue Jul 14 08:37:42 EDT 2009																																																																																												
Device:	LG vx5400																																																																																												
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video
DATA OBJECTS	DATA ELEMENTS																																																																																												
Address Book Entries																																																																																													
	Maximum Length																																																																																												
	Regular Length, email, picture																																																																																												
	Special Character																																																																																												
	Blank Name																																																																																												
	Regular Length, Deleted email - deleted picture																																																																																												
	Deleted Entry																																																																																												
	Foreign Entry																																																																																												
PIM Data																																																																																													
	Maximum Length																																																																																												
	Regular Length																																																																																												
	Deleted Entry																																																																																												
	Special Character																																																																																												
Call Logs																																																																																													
	Missed																																																																																												
	Missed - Deleted																																																																																												
	Incoming																																																																																												
	Incoming - Deleted																																																																																												
	Outgoing																																																																																												
	Outgoing - Deleted																																																																																												
Text Messages																																																																																													
	Incoming SMS - Read																																																																																												
	Incoming SMS - Unread																																																																																												
	Incoming SMS - Deleted																																																																																												
	Outgoing SMS																																																																																												
	Outgoing SMS - Deleted																																																																																												
	Incoming EMS - Read																																																																																												
	Incoming EMS - Unread																																																																																												
	Incoming Foreign EMS - Read																																																																																												
	Incoming EMS - Deleted																																																																																												
	Outgoing EMS																																																																																												
	Outgoing EMS - Deleted																																																																																												
MMS Messages																																																																																													
	Incoming Audio																																																																																												
	Incoming Image																																																																																												
	Incoming Video																																																																																												
	Outgoing Audio																																																																																												
	Outgoing Image																																																																																												
	Outgoing Video																																																																																												
Stand-alone data files																																																																																													
	Audio																																																																																												
	Audio - Deleted																																																																																												
	Image																																																																																												
	Image - Deleted																																																																																												
	Video																																																																																												

Test Case CFT-IMO-05 BitPim 1.0.6-official									
	Video - Deleted								
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Tue Jul 14 08:37:42 EDT 2009 Acquisition finished: Tue Jul 14 08:44:15 EDT 2009</p> <p>Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Physical Acquisition: readability and completeness was successful</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-23 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-24 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-27 Readability and completeness of data acquired via a physical acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IMO-23 Comparison of known device data elements via generated reports.	as expected	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected	A_IMO-27 Readability and completeness of data acquired via a physical acquisition.	as expected
Assertion & Expected Result	Actual Result								
A_IMO-23 Comparison of known device data elements via generated reports.	as expected								
A_IMO-24 Comparison of known device data elements via preview-pane.	as expected								
A_IMO-27 Readability and completeness of data acquired via a physical acquisition.	as expected								
Analysis:	Expected results achieved								

5.2.15 CFT-IMO-07 (LG VX5400)

Test Case CFT-IMO-07 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IMO-07 Acquire mobile device internal memory and review generated log files.																																																																																														
Assertions:	A IMO-36 If the cellular forensic tool supports log creation then the application should present the log files outlining the acquisition process in a human-readable format.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Tue Jul 14 08:56:55 EDT 2009																																																																																														
Device:	LG vx5400																																																																																														
Source Setup:	OS: WIN XP Interface: cable																																																																																														
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														
Log	Created By BitPim Version 1.0.6 - official																																																																																														

Test Case CFT-IMO-07 BitPim 1.0.6-official					
Highlights:	Acquisition started: Tue Jul 14 08:56:55 EDT 2009 Acquisition finished: Tue Jul 14 08:58:32 EDT 2009 Creation of complete and human-readable log files was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IMO-36 Device Log file output.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IMO-36 Device Log file output.	as expected
Assertion & Expected Result	Actual Result				
A IMO-36 Device Log file output.	as expected				
Analysis:	Expected results achieved				

5.2.16 CFT-IMO-08 (LG VX5400)

Test Case CFT-IMO-08 BitPim 1.0.6-official																																																																																	
Case Summary:	CFT-IMO-08 Acquire mobile device internal memory and review data containing foreign language characters.																																																																																
Assertions:	<p>A_IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.</p> <p>A_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.</p> <p>A_IMO-37 If the cellular forensic tool supports proper display of foreign language character sets then the application should present address book entries containing foreign language characters in their native format without modification.</p> <p>A_IMO-38 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.</p>																																																																																
Tester Name:	rpa																																																																																
Test Host:	Morrisy																																																																																
Test Date:	Tue Jul 14 08:58:59 EDT 2009																																																																																
Device:	LG vx5400																																																																																
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video
DATA OBJECTS	DATA ELEMENTS																																																																																
Address Book Entries																																																																																	
	Maximum Length																																																																																
	Regular Length, email, picture																																																																																
	Special Character																																																																																
	Blank Name																																																																																
	Regular Length, Deleted email - deleted picture																																																																																
	Deleted Entry																																																																																
	Foreign Entry																																																																																
PIM Data																																																																																	
	Maximum Length																																																																																
	Regular Length																																																																																
	Deleted Entry																																																																																
	Special Character																																																																																
Call Logs																																																																																	
	Missed																																																																																
	Missed - Deleted																																																																																
	Incoming																																																																																
	Incoming - Deleted																																																																																
	Outgoing																																																																																
	Outgoing - Deleted																																																																																
Text Messages																																																																																	
	Incoming SMS - Read																																																																																
	Incoming SMS - Unread																																																																																
	Incoming SMS - Deleted																																																																																
	Outgoing SMS																																																																																
	Outgoing SMS - Deleted																																																																																
	Incoming EMS - Read																																																																																
	Incoming EMS - Unread																																																																																
	Incoming Foreign EMS - Read																																																																																
	Incoming EMS - Deleted																																																																																
	Outgoing EMS																																																																																
	Outgoing EMS - Deleted																																																																																
MMS Messages																																																																																	
	Incoming Audio																																																																																
	Incoming Image																																																																																
	Incoming Video																																																																																
	Outgoing Audio																																																																																
	Outgoing Image																																																																																
	Outgoing Video																																																																																

Test Case CFT-IMO-08 BitPim 1.0.6-official															
	<table border="1"> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </table>	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
Stand-alone data files															
	Audio														
	Audio - Deleted														
	Image														
	Image - Deleted														
	Video														
	Video - Deleted														
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Tue Jul 14 08:58:59 EDT 2009 Acquisition finished: Tue Jul 14 09:02:35 EDT 2009</p> <p>Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Foreign character Address book entries were acquired but not properly displayed Foreign character text messages were acquired but not properly displayed</p>														
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-23 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-24 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-37 Acquisition of address book entries containing foreign language characters.</td> <td>Not as expected</td> </tr> <tr> <td>A_IMO-38 Acquisition of outgoing text messages containing foreign language characters.</td> <td>Not as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IMO-23 Comparison of known device data elements via generated reports.	as expected	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected	A_IMO-37 Acquisition of address book entries containing foreign language characters.	Not as expected	A_IMO-38 Acquisition of outgoing text messages containing foreign language characters.	Not as expected				
Assertion & Expected Result	Actual Result														
A_IMO-23 Comparison of known device data elements via generated reports.	as expected														
A_IMO-24 Comparison of known device data elements via preview-pane.	as expected														
A_IMO-37 Acquisition of address book entries containing foreign language characters.	Not as expected														
A_IMO-38 Acquisition of outgoing text messages containing foreign language characters.	Not as expected														
Analysis:	Expected results NOT achieved														

5.2.17 CFT-IM-01 (LG VX6100)

Test Case CFT-IM-01 BitPim 1.0.6-official																																																																																			
Case Summary:	CFT-IM-01 Acquire mobile device internal memory over supported interfaces (e.g., cable, Bluetooth, IrDA).																																																																																		
Assertions:	A IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).																																																																																		
Tester Name:	rpa																																																																																		
Test Host:	Morrisy																																																																																		
Test Date:	Tue Jul 14 13:28:17 EDT 2009																																																																																		
Device:	LG vx6100																																																																																		
Source Setup:	OS: WIN XP Interface: cable <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries	Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data	Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs	Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages	Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages	Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files	Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																		
Address Book Entries	Maximum Length																																																																																		
	Regular Length, email, picture																																																																																		
	Special Character																																																																																		
	Blank Name																																																																																		
	Regular Length, Deleted email - deleted picture																																																																																		
	Deleted Entry																																																																																		
	Foreign Entry																																																																																		
PIM Data	Maximum Length																																																																																		
	Regular Length																																																																																		
	Deleted Entry																																																																																		
	Special Character																																																																																		
Call Logs	Missed																																																																																		
	Missed - Deleted																																																																																		
	Incoming																																																																																		
	Incoming - Deleted																																																																																		
	Outgoing																																																																																		
	Outgoing - Deleted																																																																																		
Text Messages	Incoming SMS - Read																																																																																		
	Incoming SMS - Unread																																																																																		
	Incoming SMS - Deleted																																																																																		
	Outgoing SMS																																																																																		
	Outgoing SMS - Deleted																																																																																		
	Incoming EMS - Read																																																																																		
	Incoming EMS - Unread																																																																																		
	Incoming Foreign EMS - Read																																																																																		
	Incoming EMS - Deleted																																																																																		
	Outgoing EMS																																																																																		
	Outgoing EMS - Deleted																																																																																		
MMS Messages	Incoming Audio																																																																																		
	Incoming Image																																																																																		
	Incoming Video																																																																																		
	Outgoing Audio																																																																																		
	Outgoing Image																																																																																		
	Outgoing Video																																																																																		
Stand-alone data files	Audio																																																																																		
	Audio - Deleted																																																																																		
	Image																																																																																		
	Image - Deleted																																																																																		
	Video																																																																																		
	Video - Deleted																																																																																		
Log	Created By BitPim Version 1.0.6 - official																																																																																		

Test Case CFT-IM-01 BitPim 1.0.6-official

Highlights: Acquisition started: Tue Jul 14 13:28:17 EDT 2009
 Acquisition finished: Tue Jul 14 13:31:13 EDT 2009

Device Connectivity was not established via supported interface

Notes:

```

13:23:38.108 COM11: Opening port COM11, 115200 baud, timeout 3.000000,
hardwareflow 0, softwareflow 0
13:23:38.233 COM11: Open of comm port succeeded
13:23:38.233 LG-VX6100: Attempting to contact phone
13:23:38.233 LG-VX6100: Listing subdirs in dir: ''
13:23:38.250 LG-VX6100: X recurse=0
13:23:41.265 COM11: Timed out - flushing and trying again
13:23:44.265 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes
read
13:23:47.280 COM11: Timed out - flushing and trying again
13:23:50.296 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes
read
13:23:50.342 COM11: Changed port speed to 38400
13:23:53.858 COM11: Timed out - flushing and trying again
13:23:56.875 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes
read
13:23:56.921 COM11: Changed port speed to 115200
13:24:00.437 COM11: Timed out - flushing and trying again
13:24:03.453 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes
read
13:24:06.467 LG-VX6100: No response to AT+GMM
13:24:09.483 LG-VX6100: No response to setting QCDMG mode
13:24:09.530 COM11: Changed port speed to 115200
13:24:13.046 LG-VX6100: No response to AT+GMM
13:24:16.062 LG-VX6100: No response to setting QCDMG mode
13:24:16.125 COM11: Changed port speed to 19200
13:24:19.640 LG-VX6100: No response to AT+GMM
13:24:22.640 LG-VX6100: No response to setting QCDMG mode
13:24:22.703 COM11: Changed port speed to 230400
13:24:26.217 LG-VX6100: No response to AT+GMM
13:24:29.233 LG-VX6100: No response to setting QCDMG mode
13:24:32.250 COM11: Timed out - flushing and trying again
13:24:35.250 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes
read
13:24:35.312 COM11: Changed port speed to 38400
13:24:38.828 COM11: Timed out - flushing and trying again
13:24:41.828 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes
read
13:24:41.890 COM11: Changed port speed to 115200
13:24:45.405 COM11: Timed out - flushing and trying again
13:24:48.421 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes
read
13:24:48.421 Failed to read filesystem
13:24:48.421 LG-VX6100: Listing files in dir: ''
13:24:51.437 COM11: Timed out - flushing and trying again
13:24:54.437 COM11: Timed out waiting for 7e, requested bytes 1 - 0 bytes
read
13:24:57.453 COM11: Timed out - flushing and trying again
    
```

Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>Not as expected</td> </tr> </tbody> </table>		Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	Not as expected
Assertion & Expected Result	Actual Result					
A IM-01 Device connectivity via supported interfaces.	Not as expected					
Analysis:	Expected results NOT achieved					

5.2.18 CFT-IM-01 (Moto v710)

Test Case CFT-IM-01 BitPim 1.0.6-official																																																																																			
Case Summary:	CFT-IM-01 Acquire mobile device internal memory over supported interfaces (e.g., cable, Bluetooth, IrDA).																																																																																		
Assertions:	A IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).																																																																																		
Tester Name:	rpa																																																																																		
Test Host:	Morrisy																																																																																		
Test Date:	Wed Jul 15 10:07:28 EDT 2009																																																																																		
Device:	Motorola v710																																																																																		
Source Setup:	OS: WIN XP Interface: cable																																																																																		
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries	Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data	Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs	Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages	Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages	Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files	Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																		
Address Book Entries	Maximum Length																																																																																		
	Regular Length, email, picture																																																																																		
	Special Character																																																																																		
	Blank Name																																																																																		
	Regular Length, Deleted email - deleted picture																																																																																		
	Deleted Entry																																																																																		
	Foreign Entry																																																																																		
PIM Data	Maximum Length																																																																																		
	Regular Length																																																																																		
	Deleted Entry																																																																																		
	Special Character																																																																																		
Call Logs	Missed																																																																																		
	Missed - Deleted																																																																																		
	Incoming																																																																																		
	Incoming - Deleted																																																																																		
	Outgoing																																																																																		
	Outgoing - Deleted																																																																																		
Text Messages	Incoming SMS - Read																																																																																		
	Incoming SMS - Unread																																																																																		
	Incoming SMS - Deleted																																																																																		
	Outgoing SMS																																																																																		
	Outgoing SMS - Deleted																																																																																		
	Incoming EMS - Read																																																																																		
	Incoming EMS - Unread																																																																																		
	Incoming Foreign EMS - Read																																																																																		
	Incoming EMS - Deleted																																																																																		
	Outgoing EMS																																																																																		
	Outgoing EMS - Deleted																																																																																		
MMS Messages	Incoming Audio																																																																																		
	Incoming Image																																																																																		
	Incoming Video																																																																																		
	Outgoing Audio																																																																																		
	Outgoing Image																																																																																		
	Outgoing Video																																																																																		
Stand-alone data files	Audio																																																																																		
	Audio - Deleted																																																																																		
	Image																																																																																		
	Image - Deleted																																																																																		
	Video																																																																																		
	Video - Deleted																																																																																		
Log	Created By BitPim Version 1.0.6 - official																																																																																		

Test Case CFT-IM-01 BitPim 1.0.6-official					
Highlights:	Acquisition started: Wed Jul 15 10:07:28 EDT 2009 Acquisition finished: Wed Jul 15 10:08:57 EDT 2009 Device connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
A IM-01 Device connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

5.2.19 CFT-IM-02 (Moto v710)

Test Case CFT-IM-02 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IM-02 Attempt internal memory acquisition of a non-supported mobile device.																																																																																														
Assertions:	A IM-02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall have the ability to identify that the device is not supported.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Wed Jul 15 10:09:26 EDT 2009																																																																																														
Device:	non supported device																																																																																														
Source Setup:	OS: WIN XP Interface: cable <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														
Log	Created By BitPim Version 1.0.6 - official																																																																																														

Test Case CFT-IM-02 BitPim 1.0.6-official					
Highlights:	Acquisition started: Wed Jul 15 10:09:26 EDT 2009 Acquisition finished: Wed Jul 15 10:14:13 EDT 2009 Identification of non-supported devices was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-02 Identification of non-supported devices.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-02 Identification of non-supported devices.	as expected
Assertion & Expected Result	Actual Result				
A IM-02 Identification of non-supported devices.	as expected				
Analysis:	Expected results achieved				

5.2.20 CFT-IM-03 (Moto v710)

Test Case CFT-IM-03 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IM-03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.																																																																																														
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). A_IM-03 If a cellular forensic tool encounters disengagement between the device and application then the application shall notify the user that connectivity has been disrupted.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Wed Jul 15 10:14:32 EDT 2009																																																																																														
Device:	Motorola v710																																																																																														
Source Setup:	OS: WIN XP Interface: cable																																																																																														
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														

Test Case CFT-IM-03 BitPim 1.0.6-official							
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Wed Jul 15 10:14:32 EDT 2009 Acquisition finished: Wed Jul 15 10:21:10 EDT 2009</p> <p>Device connectivity was established via supported interface Device acquisition disruption notification was successful</p>						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A IM-03 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A IM-03 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result						
A IM-01 Device connectivity via supported interfaces.	as expected						
A IM-03 Notification of device acquisition disruption.	as expected						
Analysis:	Expected results achieved						

5.2.21 CFT-IM-04 (Moto v710)

Test Case CFT-IM-04 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IM-04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.																																																																																														
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Wed Jul 15 10:24:26 EDT 2009																																																																																														
Device:	Motorola v710																																																																																														
Source Setup:	OS: WIN XP Interface: cable																																																																																														
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														

Test Case CFT-IM-04 BitPim 1.0.6-official							
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Wed Jul 15 10:24:26 EDT 2009 Acquisition finished: Wed Jul 15 10:28:55 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful</p>						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result						
A IM-01 Device connectivity via supported interfaces.	as expected						
A_IM-04 Readability and completeness of acquired data via supported reports.	as expected						
Analysis:	Expected results achieved						

5.2.22 CFT-IM-05 (Moto v710)

Test Case CFT-IM-05 BitPim 1.0.6-official																																																																									
Case Summary:	CFT-IM-05 Acquire mobile device internal memory and review reported subscriber and equipment related information (i.e., MEID, MSISDN).																																																																								
Assertions:	<p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-05 If a cellular forensic tool successfully completes acquisition of the target device then subscriber related information shall be presented in a human-readable format without modification.</p> <p>A_IM-06 If a cellular forensic tool successfully completes acquisition of the target device then equipment related information shall be presented in a human-readable format without modification.</p>																																																																								
Tester Name:	rpa																																																																								
Test Host:	Morrisy																																																																								
Test Date:	Wed Jul 15 10:29:16 EDT 2009																																																																								
Device:	Motorola v710																																																																								
Source Setup:	OS: WIN XP Interface: cable <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries	Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data	Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs	Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages	Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages	Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files	
DATA OBJECTS	DATA ELEMENTS																																																																								
Address Book Entries	Maximum Length																																																																								
	Regular Length, email, picture																																																																								
	Special Character																																																																								
	Blank Name																																																																								
	Regular Length, Deleted email - deleted picture																																																																								
	Deleted Entry																																																																								
	Foreign Entry																																																																								
PIM Data	Maximum Length																																																																								
	Regular Length																																																																								
	Deleted Entry																																																																								
	Special Character																																																																								
Call Logs	Missed																																																																								
	Missed - Deleted																																																																								
	Incoming																																																																								
	Incoming - Deleted																																																																								
	Outgoing																																																																								
	Outgoing - Deleted																																																																								
Text Messages	Incoming SMS - Read																																																																								
	Incoming SMS - Unread																																																																								
	Incoming SMS - Deleted																																																																								
	Outgoing SMS																																																																								
	Outgoing SMS - Deleted																																																																								
	Incoming EMS - Read																																																																								
	Incoming EMS - Unread																																																																								
	Incoming Foreign EMS - Read																																																																								
	Incoming EMS - Deleted																																																																								
	Outgoing EMS																																																																								
	Outgoing EMS - Deleted																																																																								
MMS Messages	Incoming Audio																																																																								
	Incoming Image																																																																								
	Incoming Video																																																																								
	Outgoing Audio																																																																								
	Outgoing Image																																																																								
	Outgoing Video																																																																								
Stand-alone data files																																																																									

Test Case CFT-IM-05 BitPim 1.0.6-official													
	<table border="1"> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>		Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
	Audio												
	Audio - Deleted												
	Image												
	Image - Deleted												
	Video												
	Video - Deleted												
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Wed Jul 15 10:29:16 EDT 2009 Acquisition finished: Wed Jul 15 10:34:09 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful Subscriber and Equipment related data (i.e., MSISDN, MEID) were acquired</p>												
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A IM-05 Acquisition of MSISDN.</td> <td>as expected</td> </tr> <tr> <td>A IM-06 Acquisition of MEID.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected	A IM-05 Acquisition of MSISDN.	as expected	A IM-06 Acquisition of MEID.	as expected		
Assertion & Expected Result	Actual Result												
A IM-01 Device connectivity via supported interfaces.	as expected												
A_IM-04 Readability and completeness of acquired data via supported reports.	as expected												
A IM-05 Acquisition of MSISDN.	as expected												
A IM-06 Acquisition of MEID.	as expected												
Analysis:	Expected results achieved												

5.2.23 CFT-IM-06 (Moto v710)

Test Case CFT-IM-06 BitPim 1.0.6-official																									
Case Summary:	CFT-IM-06 Acquire mobile device internal memory and review reported PIM related data.																								
Assertions:	<p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-07 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-08 If a cellular forensic tool successfully completes acquisition of the target device then all known maximum length address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-09 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing special characters shall be presented in a human-readable format without modification.</p> <p>A_IM-10 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing blank names shall be presented in a human-readable format without modification.</p> <p>A_IM-11 If a cellular forensic tool successfully completes acquisition of the target device then all known email addresses associated with address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-12 If a cellular forensic tool successfully completes acquisition of the target device then all known graphics associated with address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-13 If a cellular forensic tool successfully completes acquisition of the target device then all known datebook, calendar, note entries shall be presented in a human-readable format without modification.</p> <p>A_IM-14 If a cellular forensic tool successfully completes acquisition of the target device then all maximum length datebook, calendar, note entries shall be presented in a human readable format without modification.</p>																								
Tester Name:	rpa																								
Test Host:	Morrisy																								
Test Date:	Wed Jul 15 10:34:40 EDT 2009																								
Device:	Motorola v710																								
Source Setup:	OS: WIN XP Interface: cable <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td rowspan="7">Address Book Entries</td> <td>Maximum Length</td> </tr> <tr> <td>Regular Length, email, picture</td> </tr> <tr> <td>Special Character</td> </tr> <tr> <td>Blank Name</td> </tr> <tr> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td>Deleted Entry</td> </tr> <tr> <td>Foreign Entry</td> </tr> <tr> <td rowspan="4">PIM Data</td> <td>Maximum Length</td> </tr> <tr> <td>Regular Length</td> </tr> <tr> <td>Deleted Entry</td> </tr> <tr> <td>Special Character</td> </tr> <tr> <td rowspan="6">Call Logs</td> <td>Missed</td> </tr> <tr> <td>Missed - Deleted</td> </tr> <tr> <td>Incoming</td> </tr> <tr> <td>Incoming - Deleted</td> </tr> <tr> <td>Outgoing</td> </tr> <tr> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries	Maximum Length	Regular Length, email, picture	Special Character	Blank Name	Regular Length, Deleted email - deleted picture	Deleted Entry	Foreign Entry	PIM Data	Maximum Length	Regular Length	Deleted Entry	Special Character	Call Logs	Missed	Missed - Deleted	Incoming	Incoming - Deleted	Outgoing	Outgoing - Deleted	Text Messages	
DATA OBJECTS	DATA ELEMENTS																								
Address Book Entries	Maximum Length																								
	Regular Length, email, picture																								
	Special Character																								
	Blank Name																								
	Regular Length, Deleted email - deleted picture																								
	Deleted Entry																								
	Foreign Entry																								
PIM Data	Maximum Length																								
	Regular Length																								
	Deleted Entry																								
	Special Character																								
Call Logs	Missed																								
	Missed - Deleted																								
	Incoming																								
	Incoming - Deleted																								
	Outgoing																								
	Outgoing - Deleted																								
Text Messages																									

Test Case CFT-IM-06 BitPim 1.0.6-official																																																			
	<table border="1"> <tr><td></td><td>Incoming SMS - Read</td></tr> <tr><td></td><td>Incoming SMS - Unread</td></tr> <tr><td></td><td>Incoming SMS - Deleted</td></tr> <tr><td></td><td>Outgoing SMS</td></tr> <tr><td></td><td>Outgoing SMS - Deleted</td></tr> <tr><td></td><td>Incoming EMS - Read</td></tr> <tr><td></td><td>Incoming EMS - Unread</td></tr> <tr><td></td><td>Incoming Foreign EMS - Read</td></tr> <tr><td></td><td>Incoming EMS - Deleted</td></tr> <tr><td></td><td>Outgoing EMS</td></tr> <tr><td></td><td>Outgoing EMS - Deleted</td></tr> <tr><td>MMS Messages</td><td></td></tr> <tr><td></td><td>Incoming Audio</td></tr> <tr><td></td><td>Incoming Image</td></tr> <tr><td></td><td>Incoming Video</td></tr> <tr><td></td><td>Outgoing Audio</td></tr> <tr><td></td><td>Outgoing Image</td></tr> <tr><td></td><td>Outgoing Video</td></tr> <tr><td>Stand-alone data files</td><td></td></tr> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>		Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
	Incoming SMS - Read																																																		
	Incoming SMS - Unread																																																		
	Incoming SMS - Deleted																																																		
	Outgoing SMS																																																		
	Outgoing SMS - Deleted																																																		
	Incoming EMS - Read																																																		
	Incoming EMS - Unread																																																		
	Incoming Foreign EMS - Read																																																		
	Incoming EMS - Deleted																																																		
	Outgoing EMS																																																		
	Outgoing EMS - Deleted																																																		
MMS Messages																																																			
	Incoming Audio																																																		
	Incoming Image																																																		
	Incoming Video																																																		
	Outgoing Audio																																																		
	Outgoing Image																																																		
	Outgoing Video																																																		
Stand-alone data files																																																			
	Audio																																																		
	Audio - Deleted																																																		
	Image																																																		
	Image - Deleted																																																		
	Video																																																		
	Video - Deleted																																																		
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Wed Jul 15 10:34:40 EDT 2009 Acquisition finished: Wed Jul 15 12:35:00 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired</p>																																																		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_IM-07 Acquisition of address book entries.</td> <td>as expected</td> </tr> <tr> <td>A_IM-08 Acquisition of maximum length address book entries.</td> <td>as expected</td> </tr> <tr> <td>A_IM-09 Acquisition of address book entries containing special characters.</td> <td>as expected</td> </tr> <tr> <td>A_IM-10 Acquisition of address book entries containing a blank name entry.</td> <td>as expected</td> </tr> <tr> <td>A_IM-11 Acquisition of embedded email addresses within address book entries.</td> <td>as expected</td> </tr> <tr> <td>A_IM-12 Acquisition of embedded graphics within address book entries.</td> <td>as expected</td> </tr> <tr> <td>A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).</td> <td>as expected</td> </tr> <tr> <td>A_IM-14 Acquisition of maximum length PIM data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IM-01 Device connectivity via supported interfaces.	as expected	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected	A_IM-07 Acquisition of address book entries.	as expected	A_IM-08 Acquisition of maximum length address book entries.	as expected	A_IM-09 Acquisition of address book entries containing special characters.	as expected	A_IM-10 Acquisition of address book entries containing a blank name entry.	as expected	A_IM-11 Acquisition of embedded email addresses within address book entries.	as expected	A_IM-12 Acquisition of embedded graphics within address book entries.	as expected	A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected	A_IM-14 Acquisition of maximum length PIM data.	as expected																												
Assertion & Expected Result	Actual Result																																																		
A_IM-01 Device connectivity via supported interfaces.	as expected																																																		
A_IM-04 Readability and completeness of acquired data via supported reports.	as expected																																																		
A_IM-07 Acquisition of address book entries.	as expected																																																		
A_IM-08 Acquisition of maximum length address book entries.	as expected																																																		
A_IM-09 Acquisition of address book entries containing special characters.	as expected																																																		
A_IM-10 Acquisition of address book entries containing a blank name entry.	as expected																																																		
A_IM-11 Acquisition of embedded email addresses within address book entries.	as expected																																																		
A_IM-12 Acquisition of embedded graphics within address book entries.	as expected																																																		
A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected																																																		
A_IM-14 Acquisition of maximum length PIM data.	as expected																																																		
Analysis:	Expected results achieved																																																		

5.2.24 CFT-IM-08 (Moto v710)

Test Case CFT-IM-08 BitPim 1.0.6-official																																																																																									
Case Summary:	CFT-IM-08 Acquire mobile device internal memory and review reported text messages.																																																																																								
Assertions:	<p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-16 If a cellular forensic tool successfully completes acquisition of the target device then all text messages (i.e., SMS, EMS) messages shall be presented in a human-readable format without modification.</p>																																																																																								
Tester Name:	rpa																																																																																								
Test Host:	Morrisy																																																																																								
Test Date:	Wed Jul 15 12:45:19 EDT 2009																																																																																								
Device:	Motorola v710																																																																																								
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image
DATA OBJECTS	DATA ELEMENTS																																																																																								
Address Book Entries																																																																																									
	Maximum Length																																																																																								
	Regular Length, email, picture																																																																																								
	Special Character																																																																																								
	Blank Name																																																																																								
	Regular Length, Deleted email - deleted picture																																																																																								
	Deleted Entry																																																																																								
	Foreign Entry																																																																																								
PIM Data																																																																																									
	Maximum Length																																																																																								
	Regular Length																																																																																								
	Deleted Entry																																																																																								
	Special Character																																																																																								
Call Logs																																																																																									
	Missed																																																																																								
	Missed - Deleted																																																																																								
	Incoming																																																																																								
	Incoming - Deleted																																																																																								
	Outgoing																																																																																								
	Outgoing - Deleted																																																																																								
Text Messages																																																																																									
	Incoming SMS - Read																																																																																								
	Incoming SMS - Unread																																																																																								
	Incoming SMS - Deleted																																																																																								
	Outgoing SMS																																																																																								
	Outgoing SMS - Deleted																																																																																								
	Incoming EMS - Read																																																																																								
	Incoming EMS - Unread																																																																																								
	Incoming Foreign EMS - Read																																																																																								
	Incoming EMS - Deleted																																																																																								
	Outgoing EMS																																																																																								
	Outgoing EMS - Deleted																																																																																								
MMS Messages																																																																																									
	Incoming Audio																																																																																								
	Incoming Image																																																																																								
	Incoming Video																																																																																								
	Outgoing Audio																																																																																								
	Outgoing Image																																																																																								
	Outgoing Video																																																																																								
Stand-alone data files																																																																																									
	Audio																																																																																								
	Audio - Deleted																																																																																								
	Image																																																																																								

Test Case CFT-IM-08 BitPim 1.0.6-official									
	<table border="1"> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </table>		Image - Deleted		Video		Video - Deleted		
	Image - Deleted								
	Video								
	Video - Deleted								
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Wed Jul 15 12:45:19 EDT 2009 Acquisition finished: Wed Jul 15 12:48:40 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was not successful Partial Text messages were acquired Text messages were encoded and are unreadable with out a 7-bit decoder.</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_IM-16 Acquisition of text messages.</td> <td>NOT as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected	A_IM-16 Acquisition of text messages.	NOT as expected
Assertion & Expected Result	Actual Result								
A IM-01 Device connectivity via supported interfaces.	as expected								
A_IM-04 Readability and completeness of acquired data via supported reports.	as expected								
A_IM-16 Acquisition of text messages.	NOT as expected								
Analysis:	Expected results NOT achieved								

5.2.25 CFT-IM-09 (Moto v710)

Test Case CFT-IM-09 BitPim 1.0.6-official																																																																													
Case Summary:	CFT-IM-09 Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video).																																																																												
Assertions:	<p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-17 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated audio shall be presented properly without modification.</p> <p>A_IM-18 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated images shall be presented properly without modification.</p> <p>A_IM-19 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated video shall be presented properly without modification.</p>																																																																												
Tester Name:	rpa																																																																												
Test Host:	Morrisy																																																																												
Test Date:	Wed Jul 15 12:52:25 EDT 2009																																																																												
Device:	Motorola v710																																																																												
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio
DATA OBJECTS	DATA ELEMENTS																																																																												
Address Book Entries																																																																													
	Maximum Length																																																																												
	Regular Length, email, picture																																																																												
	Special Character																																																																												
	Blank Name																																																																												
	Regular Length, Deleted email - deleted picture																																																																												
	Deleted Entry																																																																												
	Foreign Entry																																																																												
PIM Data																																																																													
	Maximum Length																																																																												
	Regular Length																																																																												
	Deleted Entry																																																																												
	Special Character																																																																												
Call Logs																																																																													
	Missed																																																																												
	Missed - Deleted																																																																												
	Incoming																																																																												
	Incoming - Deleted																																																																												
	Outgoing																																																																												
	Outgoing - Deleted																																																																												
Text Messages																																																																													
	Incoming SMS - Read																																																																												
	Incoming SMS - Unread																																																																												
	Incoming SMS - Deleted																																																																												
	Outgoing SMS																																																																												
	Outgoing SMS - Deleted																																																																												
	Incoming EMS - Read																																																																												
	Incoming EMS - Unread																																																																												
	Incoming Foreign EMS - Read																																																																												
	Incoming EMS - Deleted																																																																												
	Outgoing EMS																																																																												
	Outgoing EMS - Deleted																																																																												
MMS Messages																																																																													
	Incoming Audio																																																																												
	Incoming Image																																																																												
	Incoming Video																																																																												
	Outgoing Audio																																																																												

Test Case CFT-IM-09 BitPim 1.0.6-official																			
	<table border="1"> <tr><td></td><td>Outgoing Image</td></tr> <tr><td></td><td>Outgoing Video</td></tr> <tr><td>Stand-alone data files</td><td></td></tr> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
	Outgoing Image																		
	Outgoing Video																		
Stand-alone data files																			
	Audio																		
	Audio - Deleted																		
	Image																		
	Image - Deleted																		
	Video																		
	Video - Deleted																		
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Wed Jul 15 12:52:25 EDT 2009 Acquisition finished: Wed Jul 15 12:59:58 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful Audio MMS messages were acquired Image MMS messages were acquired Video MMS messages were not acquired - NA</p>																		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A IM-17 Acquisition of audio MMS messages.</td> <td>as expected</td> </tr> <tr> <td>A IM-18 Acquisition of image MMS messages.</td> <td>as expected</td> </tr> <tr> <td>A IM-19 Acquisition of video MMS messages.</td> <td>NA</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected	A IM-17 Acquisition of audio MMS messages.	as expected	A IM-18 Acquisition of image MMS messages.	as expected	A IM-19 Acquisition of video MMS messages.	NA						
Assertion & Expected Result	Actual Result																		
A IM-01 Device connectivity via supported interfaces.	as expected																		
A_IM-04 Readability and completeness of acquired data via supported reports.	as expected																		
A IM-17 Acquisition of audio MMS messages.	as expected																		
A IM-18 Acquisition of image MMS messages.	as expected																		
A IM-19 Acquisition of video MMS messages.	NA																		
Analysis:	Expected results achieved																		

5.2.26 CFT-IM-10 (Moto v710)

Test Case CFT-IM-10 BitPim 1.0.6-official																																																																							
Case Summary:	CFT-IM-10 Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video).																																																																						
Assertions:	<p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-20 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone audio files shall be playable via either an internal application or suggested third-party application without modification.</p> <p>A_IM-21 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone image files shall be viewable via either an internal application or suggested third-party application without modification.</p> <p>A_IM-22 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone video files shall be viewable via either an internal application or suggested third-party application without modification.</p>																																																																						
Tester Name:	rpa																																																																						
Test Host:	Morrisy																																																																						
Test Date:	Wed Jul 15 13:07:20 EDT 2009																																																																						
Device:	Motorola v710																																																																						
Source Setup:	OS: WIN XP Interface: cable <table border="1" data-bbox="418 1003 1369 1885"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio
DATA OBJECTS	DATA ELEMENTS																																																																						
Address Book Entries																																																																							
	Maximum Length																																																																						
	Regular Length, email, picture																																																																						
	Special Character																																																																						
	Blank Name																																																																						
	Regular Length, Deleted email - deleted picture																																																																						
	Deleted Entry																																																																						
	Foreign Entry																																																																						
PIM Data																																																																							
	Maximum Length																																																																						
	Regular Length																																																																						
	Deleted Entry																																																																						
	Special Character																																																																						
Call Logs																																																																							
	Missed																																																																						
	Missed - Deleted																																																																						
	Incoming																																																																						
	Incoming - Deleted																																																																						
	Outgoing																																																																						
	Outgoing - Deleted																																																																						
Text Messages																																																																							
	Incoming SMS - Read																																																																						
	Incoming SMS - Unread																																																																						
	Incoming SMS - Deleted																																																																						
	Outgoing SMS																																																																						
	Outgoing SMS - Deleted																																																																						
	Incoming EMS - Read																																																																						
	Incoming EMS - Unread																																																																						
	Incoming Foreign EMS - Read																																																																						
	Incoming EMS - Deleted																																																																						
	Outgoing EMS																																																																						
	Outgoing EMS - Deleted																																																																						
MMS Messages																																																																							
	Incoming Audio																																																																						

Test Case CFT-IM-10 BitPim 1.0.6-official																									
	<table border="1"> <tr><td></td><td>Incoming Image</td></tr> <tr><td></td><td>Incoming Video</td></tr> <tr><td></td><td>Outgoing Audio</td></tr> <tr><td></td><td>Outgoing Image</td></tr> <tr><td></td><td>Outgoing Video</td></tr> <tr><td>Stand-alone data files</td><td></td></tr> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
	Incoming Image																								
	Incoming Video																								
	Outgoing Audio																								
	Outgoing Image																								
	Outgoing Video																								
Stand-alone data files																									
	Audio																								
	Audio - Deleted																								
	Image																								
	Image - Deleted																								
	Video																								
	Video - Deleted																								
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Wed Jul 15 13:07:20 EDT 2009 Acquisition finished: Wed Jul 15 13:10:05 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful Audio files were acquired Image files were acquired Video files were not acquired - NA</p>																								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A IM-20 Acquisition of stand-alone audio files.</td> <td>as expected</td> </tr> <tr> <td>A IM-21 Acquisition of stand-alone graphic files.</td> <td>as expected</td> </tr> <tr> <td>A IM-22 Acquisition of stand-alone video files.</td> <td>NA</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected	A IM-20 Acquisition of stand-alone audio files.	as expected	A IM-21 Acquisition of stand-alone graphic files.	as expected	A IM-22 Acquisition of stand-alone video files.	NA												
Assertion & Expected Result	Actual Result																								
A IM-01 Device connectivity via supported interfaces.	as expected																								
A_IM-04 Readability and completeness of acquired data via supported reports.	as expected																								
A IM-20 Acquisition of stand-alone audio files.	as expected																								
A IM-21 Acquisition of stand-alone graphic files.	as expected																								
A IM-22 Acquisition of stand-alone video files.	NA																								
Analysis:	Expected results achieved																								

5.2.27 CFT-IMO-01 (Moto v710)

Test Case CFT-IMO-01 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IMO-01 Acquire mobile device internal memory and review reported data via supported generated report formats.																																																																																														
Assertions:	A IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Wed Jul 15 13:11:07 EDT 2009																																																																																														
Device:	Motorola v710																																																																																														
Source Setup:	OS: WIN XP Interface: cable																																																																																														
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														
Log	Created By BitPim Version 1.0.6 - official																																																																																														

Test Case CFT-IMO-01 BitPim 1.0.6-official					
Highlights:	Acquisition started: Wed Jul 15 13:11:07 EDT 2009 Acquisition finished: Wed Jul 15 13:25:20 EDT 2009 Complete representation of known data via generated reports was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-23 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
Assertion & Expected Result	Actual Result				
A_IMO-23 Comparison of known device data elements via generated reports.	as expected				
Analysis:	Expected results achieved				

5.2.28 CFT-IMO-02 (Moto v710)

Test Case CFT-IMO-02 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IMO-02 Acquire mobile device internal memory and review reported data via the preview-pane.																																																																																														
Assertions:	A IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Wed Jul 15 13:25:53 EDT 2009																																																																																														
Device:	Motorola v710																																																																																														
Source Setup:	OS: WIN XP Interface: cable																																																																																														
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														
Log	Created By BitPim Version 1.0.6 - official																																																																																														

Test Case CFT-IMO-02 BitPim 1.0.6-official					
Highlights:	Acquisition started: Wed Jul 15 13:25:53 EDT 2009 Acquisition finished: Wed Jul 15 13:27:56 EDT 2009 Complete representation of known data via preview-pane was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-24 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
Assertion & Expected Result	Actual Result				
A_IMO-24 Comparison of known device data elements via preview-pane.	as expected				
Analysis:	Expected results achieved				

5.2.29 CFT-IMO-03 (Moto v710)

Test Case CFT-IMO-03 BitPim 1.0.6-official																																																																																													
Case Summary:	CFT-IMO-03 Acquire mobile device internal memory and compare reported data via the preview-pane and supported generated reports.																																																																																												
Assertions:	<p>A_IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.</p> <p>A_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.</p> <p>A_IMO-25 If a cellular forensic tool provides a preview-pane view and a generated report of the acquired data then the reports shall maintain consistency of all reported data elements.</p>																																																																																												
Tester Name:	rpa																																																																																												
Test Host:	Morrisy																																																																																												
Test Date:	Wed Jul 15 13:28:19 EDT 2009																																																																																												
Device:	Motorola v710																																																																																												
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video
DATA OBJECTS	DATA ELEMENTS																																																																																												
Address Book Entries																																																																																													
	Maximum Length																																																																																												
	Regular Length, email, picture																																																																																												
	Special Character																																																																																												
	Blank Name																																																																																												
	Regular Length, Deleted email - deleted picture																																																																																												
	Deleted Entry																																																																																												
	Foreign Entry																																																																																												
PIM Data																																																																																													
	Maximum Length																																																																																												
	Regular Length																																																																																												
	Deleted Entry																																																																																												
	Special Character																																																																																												
Call Logs																																																																																													
	Missed																																																																																												
	Missed - Deleted																																																																																												
	Incoming																																																																																												
	Incoming - Deleted																																																																																												
	Outgoing																																																																																												
	Outgoing - Deleted																																																																																												
Text Messages																																																																																													
	Incoming SMS - Read																																																																																												
	Incoming SMS - Unread																																																																																												
	Incoming SMS - Deleted																																																																																												
	Outgoing SMS																																																																																												
	Outgoing SMS - Deleted																																																																																												
	Incoming EMS - Read																																																																																												
	Incoming EMS - Unread																																																																																												
	Incoming Foreign EMS - Read																																																																																												
	Incoming EMS - Deleted																																																																																												
	Outgoing EMS																																																																																												
	Outgoing EMS - Deleted																																																																																												
MMS Messages																																																																																													
	Incoming Audio																																																																																												
	Incoming Image																																																																																												
	Incoming Video																																																																																												
	Outgoing Audio																																																																																												
	Outgoing Image																																																																																												
	Outgoing Video																																																																																												
Stand-alone data files																																																																																													
	Audio																																																																																												
	Audio - Deleted																																																																																												
	Image																																																																																												
	Image - Deleted																																																																																												
	Video																																																																																												

Test Case CFT-IMO-03 BitPim 1.0.6-official									
	Video - Deleted								
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Wed Jul 15 13:28:19 EDT 2009 Acquisition finished: Wed Jul 15 13:35:34 EDT 2009</p> <p>Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Consistency between generated reports and preview-pane was successful</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-23 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-24 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-25 Compare generated reports and preview-pane views for device acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IMO-23 Comparison of known device data elements via generated reports.	as expected	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected	A_IMO-25 Compare generated reports and preview-pane views for device acquisition.	as expected
Assertion & Expected Result	Actual Result								
A_IMO-23 Comparison of known device data elements via generated reports.	as expected								
A_IMO-24 Comparison of known device data elements via preview-pane.	as expected								
A_IMO-25 Compare generated reports and preview-pane views for device acquisition.	as expected								
Analysis:	Expected results achieved								

5.2.30 CFT-IMO-05 (Moto v710)

Test Case CFT-IMO-05 BitPim 1.0.6-official																																																																																													
Case Summary:	CFT-IMO-05 Perform a physical acquisition and review data output for readability.																																																																																												
Assertions:	<p>A_IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.</p> <p>A_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.</p> <p>A_IMO-27 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall successfully complete the acquisition and present the data in a human-readable format.</p>																																																																																												
Tester Name:	rpa																																																																																												
Test Host:	Morrisy																																																																																												
Test Date:	Wed Jul 15 13:36:24 EDT 2009																																																																																												
Device:	Motorola v710																																																																																												
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video
DATA OBJECTS	DATA ELEMENTS																																																																																												
Address Book Entries																																																																																													
	Maximum Length																																																																																												
	Regular Length, email, picture																																																																																												
	Special Character																																																																																												
	Blank Name																																																																																												
	Regular Length, Deleted email - deleted picture																																																																																												
	Deleted Entry																																																																																												
	Foreign Entry																																																																																												
PIM Data																																																																																													
	Maximum Length																																																																																												
	Regular Length																																																																																												
	Deleted Entry																																																																																												
	Special Character																																																																																												
Call Logs																																																																																													
	Missed																																																																																												
	Missed - Deleted																																																																																												
	Incoming																																																																																												
	Incoming - Deleted																																																																																												
	Outgoing																																																																																												
	Outgoing - Deleted																																																																																												
Text Messages																																																																																													
	Incoming SMS - Read																																																																																												
	Incoming SMS - Unread																																																																																												
	Incoming SMS - Deleted																																																																																												
	Outgoing SMS																																																																																												
	Outgoing SMS - Deleted																																																																																												
	Incoming EMS - Read																																																																																												
	Incoming EMS - Unread																																																																																												
	Incoming Foreign EMS - Read																																																																																												
	Incoming EMS - Deleted																																																																																												
	Outgoing EMS																																																																																												
	Outgoing EMS - Deleted																																																																																												
MMS Messages																																																																																													
	Incoming Audio																																																																																												
	Incoming Image																																																																																												
	Incoming Video																																																																																												
	Outgoing Audio																																																																																												
	Outgoing Image																																																																																												
	Outgoing Video																																																																																												
Stand-alone data files																																																																																													
	Audio																																																																																												
	Audio - Deleted																																																																																												
	Image																																																																																												
	Image - Deleted																																																																																												
	Video																																																																																												

Test Case CFT-IMO-05 BitPim 1.0.6-official									
	Video - Deleted								
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Wed Jul 15 13:36:24 EDT 2009 Acquisition finished: Wed Jul 15 13:42:19 EDT 2009</p> <p>Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Physical Acquisition: readability and completeness was successful</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-23 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-24 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-27 Readability and completeness of data acquired via a physical acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IMO-23 Comparison of known device data elements via generated reports.	as expected	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected	A_IMO-27 Readability and completeness of data acquired via a physical acquisition.	as expected
Assertion & Expected Result	Actual Result								
A_IMO-23 Comparison of known device data elements via generated reports.	as expected								
A_IMO-24 Comparison of known device data elements via preview-pane.	as expected								
A_IMO-27 Readability and completeness of data acquired via a physical acquisition.	as expected								
Analysis:	Expected results achieved								

5.2.31 CFT-IMO-07 (Moto v710)

Test Case CFT-IMO-07 BitPim 1.0.6-official																																																																																			
Case Summary:	CFT-IMO-07 Acquire mobile device internal memory and review generated log files.																																																																																		
Assertions:	A IMO-36 If the cellular forensic tool supports log creation then the application should present the log files outlining the acquisition process in a human-readable format.																																																																																		
Tester Name:	rpa																																																																																		
Test Host:	Morrisy																																																																																		
Test Date:	Wed Jul 15 13:51:31 EDT 2009																																																																																		
Device:	Motorola v710																																																																																		
Source Setup:	OS: WIN XP Interface: cable <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries	Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data	Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs	Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages	Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages	Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files	Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																		
Address Book Entries	Maximum Length																																																																																		
	Regular Length, email, picture																																																																																		
	Special Character																																																																																		
	Blank Name																																																																																		
	Regular Length, Deleted email - deleted picture																																																																																		
	Deleted Entry																																																																																		
	Foreign Entry																																																																																		
PIM Data	Maximum Length																																																																																		
	Regular Length																																																																																		
	Deleted Entry																																																																																		
	Special Character																																																																																		
Call Logs	Missed																																																																																		
	Missed - Deleted																																																																																		
	Incoming																																																																																		
	Incoming - Deleted																																																																																		
	Outgoing																																																																																		
	Outgoing - Deleted																																																																																		
Text Messages	Incoming SMS - Read																																																																																		
	Incoming SMS - Unread																																																																																		
	Incoming SMS - Deleted																																																																																		
	Outgoing SMS																																																																																		
	Outgoing SMS - Deleted																																																																																		
	Incoming EMS - Read																																																																																		
	Incoming EMS - Unread																																																																																		
	Incoming Foreign EMS - Read																																																																																		
	Incoming EMS - Deleted																																																																																		
	Outgoing EMS																																																																																		
	Outgoing EMS - Deleted																																																																																		
MMS Messages	Incoming Audio																																																																																		
	Incoming Image																																																																																		
	Incoming Video																																																																																		
	Outgoing Audio																																																																																		
	Outgoing Image																																																																																		
	Outgoing Video																																																																																		
Stand-alone data files	Audio																																																																																		
	Audio - Deleted																																																																																		
	Image																																																																																		
	Image - Deleted																																																																																		
	Video																																																																																		
	Video - Deleted																																																																																		
Log	Created By BitPim Version 1.0.6 - official																																																																																		

Test Case CFT-IMO-07 BitPim 1.0.6-official					
Highlights:	Acquisition started: Wed Jul 15 13:51:31 EDT 2009 Acquisition finished: Wed Jul 15 13:55:36 EDT 2009 Creation of complete and human-readable log files was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IMO-36 Device Log file output.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IMO-36 Device Log file output.	as expected
Assertion & Expected Result	Actual Result				
A IMO-36 Device Log file output.	as expected				
Analysis:	Expected results achieved				

5.2.32 CFT-IMO-08 (Moto v710)

Test Case CFT-IMO-08 BitPim 1.0.6-official																																																																																	
Case Summary:	CFT-IMO-08 Acquire mobile device internal memory and review data containing foreign language characters.																																																																																
Assertions:	<p>A_IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.</p> <p>A_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.</p> <p>A_IMO-37 If the cellular forensic tool supports proper display of foreign language character sets then the application should present address book entries containing foreign language characters in their native format without modification.</p> <p>A_IMO-38 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.</p>																																																																																
Tester Name:	rpa																																																																																
Test Host:	Morrisy																																																																																
Test Date:	Wed Jul 15 13:56:02 EDT 2009																																																																																
Device:	Motorola v710																																																																																
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video
DATA OBJECTS	DATA ELEMENTS																																																																																
Address Book Entries																																																																																	
	Maximum Length																																																																																
	Regular Length, email, picture																																																																																
	Special Character																																																																																
	Blank Name																																																																																
	Regular Length, Deleted email - deleted picture																																																																																
	Deleted Entry																																																																																
	Foreign Entry																																																																																
PIM Data																																																																																	
	Maximum Length																																																																																
	Regular Length																																																																																
	Deleted Entry																																																																																
	Special Character																																																																																
Call Logs																																																																																	
	Missed																																																																																
	Missed - Deleted																																																																																
	Incoming																																																																																
	Incoming - Deleted																																																																																
	Outgoing																																																																																
	Outgoing - Deleted																																																																																
Text Messages																																																																																	
	Incoming SMS - Read																																																																																
	Incoming SMS - Unread																																																																																
	Incoming SMS - Deleted																																																																																
	Outgoing SMS																																																																																
	Outgoing SMS - Deleted																																																																																
	Incoming EMS - Read																																																																																
	Incoming EMS - Unread																																																																																
	Incoming Foreign EMS - Read																																																																																
	Incoming EMS - Deleted																																																																																
	Outgoing EMS																																																																																
	Outgoing EMS - Deleted																																																																																
MMS Messages																																																																																	
	Incoming Audio																																																																																
	Incoming Image																																																																																
	Incoming Video																																																																																
	Outgoing Audio																																																																																
	Outgoing Image																																																																																
	Outgoing Video																																																																																

Test Case CFT-IMO-08 BitPim 1.0.6-official															
	<table border="1"> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </table>	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
Stand-alone data files															
	Audio														
	Audio - Deleted														
	Image														
	Image - Deleted														
	Video														
	Video - Deleted														
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Wed Jul 15 13:56:02 EDT 2009 Acquisition finished: Wed Jul 15 14:05:26 EDT 2009</p> <p>Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Foreign character Address book entries were acquired but not properly displayed Foreign character text messages were not acquired</p>														
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-23 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-24 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-37 Acquisition of address book entries containing foreign language characters.</td> <td>partial</td> </tr> <tr> <td>A_IMO-38 Acquisition of outgoing text messages containing foreign language characters.</td> <td>NOT as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IMO-23 Comparison of known device data elements via generated reports.	as expected	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected	A_IMO-37 Acquisition of address book entries containing foreign language characters.	partial	A_IMO-38 Acquisition of outgoing text messages containing foreign language characters.	NOT as expected				
Assertion & Expected Result	Actual Result														
A_IMO-23 Comparison of known device data elements via generated reports.	as expected														
A_IMO-24 Comparison of known device data elements via preview-pane.	as expected														
A_IMO-37 Acquisition of address book entries containing foreign language characters.	partial														
A_IMO-38 Acquisition of outgoing text messages containing foreign language characters.	NOT as expected														
Analysis:	Expected results NOT achieved														

5.2.33 CFT-IM-01 (SCH-u740)

Test Case CFT-IM-01 BitPim 1.0.6-official																																																																																			
Case Summary:	CFT-IM-01 Acquire mobile device internal memory over supported interfaces (e.g., cable, Bluetooth, IrDA).																																																																																		
Assertions:	A IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).																																																																																		
Tester Name:	rpa																																																																																		
Test Host:	Morrisy																																																																																		
Test Date:	Thu Jul 16 12:36:43 EDT 2009																																																																																		
Device:	Samsung SCHu740																																																																																		
Source Setup:	OS: WIN XP Interface: cable																																																																																		
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries	Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data	Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs	Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages	Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages	Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files	Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																		
Address Book Entries	Maximum Length																																																																																		
	Regular Length, email, picture																																																																																		
	Special Character																																																																																		
	Blank Name																																																																																		
	Regular Length, Deleted email - deleted picture																																																																																		
	Deleted Entry																																																																																		
	Foreign Entry																																																																																		
PIM Data	Maximum Length																																																																																		
	Regular Length																																																																																		
	Deleted Entry																																																																																		
	Special Character																																																																																		
Call Logs	Missed																																																																																		
	Missed - Deleted																																																																																		
	Incoming																																																																																		
	Incoming - Deleted																																																																																		
	Outgoing																																																																																		
	Outgoing - Deleted																																																																																		
Text Messages	Incoming SMS - Read																																																																																		
	Incoming SMS - Unread																																																																																		
	Incoming SMS - Deleted																																																																																		
	Outgoing SMS																																																																																		
	Outgoing SMS - Deleted																																																																																		
	Incoming EMS - Read																																																																																		
	Incoming EMS - Unread																																																																																		
	Incoming Foreign EMS - Read																																																																																		
	Incoming EMS - Deleted																																																																																		
	Outgoing EMS																																																																																		
	Outgoing EMS - Deleted																																																																																		
MMS Messages	Incoming Audio																																																																																		
	Incoming Image																																																																																		
	Incoming Video																																																																																		
	Outgoing Audio																																																																																		
	Outgoing Image																																																																																		
	Outgoing Video																																																																																		
Stand-alone data files	Audio																																																																																		
	Audio - Deleted																																																																																		
	Image																																																																																		
	Image - Deleted																																																																																		
	Video																																																																																		
	Video - Deleted																																																																																		
Log	Created By BitPim Version 1.0.6 - official																																																																																		

Test Case CFT-IM-01 BitPim 1.0.6-official					
Highlights:	Acquisition started: Thu Jul 16 12:36:43 EDT 2009 Acquisition finished: Thu Jul 16 12:38:26 EDT 2009 Device connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
A IM-01 Device connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

5.2.34 CFT-IM-02 (SCH-u740)

Test Case CFT-IM-02 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IM-02 Attempt internal memory acquisition of a non-supported mobile device.																																																																																														
Assertions:	A IM-02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall have the ability to identify that the device is not supported.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Thu Jul 16 12:41:14 EDT 2009																																																																																														
Device:	Samsung SCHu740																																																																																														
Source Setup:	OS: WIN XP Interface: cable																																																																																														
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														
Log	Created By BitPim Version 1.0.6 - official																																																																																														

Test Case CFT-IM-02 BitPim 1.0.6-official					
Highlights:	Acquisition started: Thu Jul 16 12:41:14 EDT 2009 Acquisition finished: Thu Jul 16 12:44:00 EDT 2009 Identification of non-supported devices was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-02 Identification of non-supported devices.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-02 Identification of non-supported devices.	as expected
Assertion & Expected Result	Actual Result				
A IM-02 Identification of non-supported devices.	as expected				
Analysis:	Expected results achieved				

5.2.35 CFT-IM-03 (SCH-u740)

Test Case CFT-IM-03 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IM-03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.																																																																																														
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). A_IM-03 If a cellular forensic tool encounters disengagement between the device and application then the application shall notify the user that connectivity has been disrupted.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Thu Jul 16 12:44:27 EDT 2009																																																																																														
Device:	Samsung SCHu740																																																																																														
Source Setup:	OS: WIN XP Interface: cable																																																																																														
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														

Test Case CFT-IM-03 BitPim 1.0.6-official							
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 12:44:27 EDT 2009 Acquisition finished: Thu Jul 16 12:46:49 EDT 2009</p> <p>Device connectivity was established via supported interface Device acquisition disruption notification was successful</p>						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A IM-03 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A IM-03 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result						
A IM-01 Device connectivity via supported interfaces.	as expected						
A IM-03 Notification of device acquisition disruption.	as expected						
Analysis:	Expected results achieved						

5.2.36 CFT-IM-04 (SCH-u740)

Test Case CFT-IM-04 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IM-04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.																																																																																														
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Thu Jul 16 12:47:36 EDT 2009																																																																																														
Device:	Samsung SCHu740																																																																																														
Source Setup:	OS: WIN XP Interface: cable																																																																																														
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														

Test Case CFT-IM-04 BitPim 1.0.6-official							
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 12:47:36 EDT 2009 Acquisition finished: Thu Jul 16 12:55:39 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful</p>						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result						
A IM-01 Device connectivity via supported interfaces.	as expected						
A_IM-04 Readability and completeness of acquired data via supported reports.	as expected						
Analysis:	Expected results achieved						

5.2.37 CFT-IM-05 (SCH-u740)

Test Case CFT-IM-05 BitPim 1.0.6-official																																																																									
Case Summary:	CFT-IM-05 Acquire mobile device internal memory and review reported subscriber and equipment related information (i.e., MEID, MSISDN).																																																																								
Assertions:	<p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-05 If a cellular forensic tool successfully completes acquisition of the target device then subscriber related information shall be presented in a human-readable format without modification.</p> <p>A_IM-06 If a cellular forensic tool successfully completes acquisition of the target device then equipment related information shall be presented in a human-readable format without modification.</p>																																																																								
Tester Name:	rpa																																																																								
Test Host:	Morrisy																																																																								
Test Date:	Thu Jul 16 12:56:10 EDT 2009																																																																								
Device:	Samsung SCHu740																																																																								
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries	Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data	Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs	Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages	Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages	Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files	
DATA OBJECTS	DATA ELEMENTS																																																																								
Address Book Entries	Maximum Length																																																																								
	Regular Length, email, picture																																																																								
	Special Character																																																																								
	Blank Name																																																																								
	Regular Length, Deleted email - deleted picture																																																																								
	Deleted Entry																																																																								
	Foreign Entry																																																																								
PIM Data	Maximum Length																																																																								
	Regular Length																																																																								
	Deleted Entry																																																																								
	Special Character																																																																								
Call Logs	Missed																																																																								
	Missed - Deleted																																																																								
	Incoming																																																																								
	Incoming - Deleted																																																																								
	Outgoing																																																																								
	Outgoing - Deleted																																																																								
Text Messages	Incoming SMS - Read																																																																								
	Incoming SMS - Unread																																																																								
	Incoming SMS - Deleted																																																																								
	Outgoing SMS																																																																								
	Outgoing SMS - Deleted																																																																								
	Incoming EMS - Read																																																																								
	Incoming EMS - Unread																																																																								
	Incoming Foreign EMS - Read																																																																								
	Incoming EMS - Deleted																																																																								
	Outgoing EMS																																																																								
	Outgoing EMS - Deleted																																																																								
MMS Messages	Incoming Audio																																																																								
	Incoming Image																																																																								
	Incoming Video																																																																								
	Outgoing Audio																																																																								
	Outgoing Image																																																																								
	Outgoing Video																																																																								
Stand-alone data files																																																																									

Test Case CFT-IM-05 BitPim 1.0.6-official													
	<table border="1"> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>		Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
	Audio												
	Audio - Deleted												
	Image												
	Image - Deleted												
	Video												
	Video - Deleted												
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 12:56:10 EDT 2009 Acquisition finished: Thu Jul 16 12:58:53 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful MSISDN was not acquired - NA</p>												
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A IM-05 Acquisition of MSISDN.</td> <td>NA</td> </tr> <tr> <td>A IM-06 Acquisition of MEID.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected	A IM-05 Acquisition of MSISDN.	NA	A IM-06 Acquisition of MEID.	as expected		
Assertion & Expected Result	Actual Result												
A IM-01 Device connectivity via supported interfaces.	as expected												
A_IM-04 Readability and completeness of acquired data via supported reports.	as expected												
A IM-05 Acquisition of MSISDN.	NA												
A IM-06 Acquisition of MEID.	as expected												
Analysis:	Expected results achieved												

5.2.38 CFT-IM-06 (SCH-u740)

Test Case CFT-IM-06 BitPim 1.0.6-official																									
Case Summary:	CFT-IM-06 Acquire mobile device internal memory and review reported PIM related data.																								
Assertions:	<p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-07 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-08 If a cellular forensic tool successfully completes acquisition of the target device then all known maximum length address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-09 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing special characters shall be presented in a human-readable format without modification.</p> <p>A_IM-10 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing blank names shall be presented in a human-readable format without modification.</p> <p>A_IM-11 If a cellular forensic tool successfully completes acquisition of the target device then all known email addresses associated with address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-12 If a cellular forensic tool successfully completes acquisition of the target device then all known graphics associated with address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-13 If a cellular forensic tool successfully completes acquisition of the target device then all known datebook, calendar, note entries shall be presented in a human-readable format without modification.</p> <p>A_IM-14 If a cellular forensic tool successfully completes acquisition of the target device then all maximum length datebook, calendar, note entries shall be presented in a human readable format without modification.</p>																								
Tester Name:	rpa																								
Test Host:	Morrisy																								
Test Date:	Thu Jul 16 13:03:08 EDT 2009																								
Device:	Samsung SCHu740																								
Source Setup:	OS: WIN XP Interface: cable <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td rowspan="10">Address Book Entries</td> <td>Maximum Length</td> </tr> <tr> <td>Regular Length, email, picture</td> </tr> <tr> <td>Special Character</td> </tr> <tr> <td>Blank Name</td> </tr> <tr> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td>Deleted Entry</td> </tr> <tr> <td>Foreign Entry</td> </tr> <tr> <td rowspan="4">PIM Data</td> <td>Maximum Length</td> </tr> <tr> <td>Regular Length</td> </tr> <tr> <td>Deleted Entry</td> </tr> <tr> <td>Special Character</td> </tr> <tr> <td rowspan="6">Call Logs</td> <td>Missed</td> </tr> <tr> <td>Missed - Deleted</td> </tr> <tr> <td>Incoming</td> </tr> <tr> <td>Incoming - Deleted</td> </tr> <tr> <td>Outgoing</td> </tr> <tr> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries	Maximum Length	Regular Length, email, picture	Special Character	Blank Name	Regular Length, Deleted email - deleted picture	Deleted Entry	Foreign Entry	PIM Data	Maximum Length	Regular Length	Deleted Entry	Special Character	Call Logs	Missed	Missed - Deleted	Incoming	Incoming - Deleted	Outgoing	Outgoing - Deleted	Text Messages	
DATA OBJECTS	DATA ELEMENTS																								
Address Book Entries	Maximum Length																								
	Regular Length, email, picture																								
	Special Character																								
	Blank Name																								
	Regular Length, Deleted email - deleted picture																								
	Deleted Entry																								
	Foreign Entry																								
	PIM Data	Maximum Length																							
		Regular Length																							
		Deleted Entry																							
Special Character																									
Call Logs	Missed																								
	Missed - Deleted																								
	Incoming																								
	Incoming - Deleted																								
	Outgoing																								
	Outgoing - Deleted																								
Text Messages																									

Test Case CFT-IM-06 BitPim 1.0.6-official																																																			
	<table border="1"> <tr><td></td><td>Incoming SMS - Read</td></tr> <tr><td></td><td>Incoming SMS - Unread</td></tr> <tr><td></td><td>Incoming SMS - Deleted</td></tr> <tr><td></td><td>Outgoing SMS</td></tr> <tr><td></td><td>Outgoing SMS - Deleted</td></tr> <tr><td></td><td>Incoming EMS - Read</td></tr> <tr><td></td><td>Incoming EMS - Unread</td></tr> <tr><td></td><td>Incoming Foreign EMS - Read</td></tr> <tr><td></td><td>Incoming EMS - Deleted</td></tr> <tr><td></td><td>Outgoing EMS</td></tr> <tr><td></td><td>Outgoing EMS - Deleted</td></tr> <tr><td>MMS Messages</td><td></td></tr> <tr><td></td><td>Incoming Audio</td></tr> <tr><td></td><td>Incoming Image</td></tr> <tr><td></td><td>Incoming Video</td></tr> <tr><td></td><td>Outgoing Audio</td></tr> <tr><td></td><td>Outgoing Image</td></tr> <tr><td></td><td>Outgoing Video</td></tr> <tr><td>Stand-alone data files</td><td></td></tr> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>		Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
	Incoming SMS - Read																																																		
	Incoming SMS - Unread																																																		
	Incoming SMS - Deleted																																																		
	Outgoing SMS																																																		
	Outgoing SMS - Deleted																																																		
	Incoming EMS - Read																																																		
	Incoming EMS - Unread																																																		
	Incoming Foreign EMS - Read																																																		
	Incoming EMS - Deleted																																																		
	Outgoing EMS																																																		
	Outgoing EMS - Deleted																																																		
MMS Messages																																																			
	Incoming Audio																																																		
	Incoming Image																																																		
	Incoming Video																																																		
	Outgoing Audio																																																		
	Outgoing Image																																																		
	Outgoing Video																																																		
Stand-alone data files																																																			
	Audio																																																		
	Audio - Deleted																																																		
	Image																																																		
	Image - Deleted																																																		
	Video																																																		
	Video - Deleted																																																		
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 13:03:08 EDT 2009 Acquisition finished: Thu Jul 16 13:06:57 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired</p>																																																		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_IM-07 Acquisition of address book entries.</td> <td>as expected</td> </tr> <tr> <td>A_IM-08 Acquisition of maximum length address book entries.</td> <td>as expected</td> </tr> <tr> <td>A_IM-09 Acquisition of address book entries containing special characters.</td> <td>as expected</td> </tr> <tr> <td>A_IM-10 Acquisition of address book entries containing a blank name entry.</td> <td>as expected</td> </tr> <tr> <td>A_IM-11 Acquisition of embedded email addresses within address book entries.</td> <td>as expected</td> </tr> <tr> <td>A_IM-12 Acquisition of embedded graphics within address book entries.</td> <td>as expected</td> </tr> <tr> <td>A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).</td> <td>as expected</td> </tr> <tr> <td>A_IM-14 Acquisition of maximum length PIM data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IM-01 Device connectivity via supported interfaces.	as expected	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected	A_IM-07 Acquisition of address book entries.	as expected	A_IM-08 Acquisition of maximum length address book entries.	as expected	A_IM-09 Acquisition of address book entries containing special characters.	as expected	A_IM-10 Acquisition of address book entries containing a blank name entry.	as expected	A_IM-11 Acquisition of embedded email addresses within address book entries.	as expected	A_IM-12 Acquisition of embedded graphics within address book entries.	as expected	A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected	A_IM-14 Acquisition of maximum length PIM data.	as expected																												
Assertion & Expected Result	Actual Result																																																		
A_IM-01 Device connectivity via supported interfaces.	as expected																																																		
A_IM-04 Readability and completeness of acquired data via supported reports.	as expected																																																		
A_IM-07 Acquisition of address book entries.	as expected																																																		
A_IM-08 Acquisition of maximum length address book entries.	as expected																																																		
A_IM-09 Acquisition of address book entries containing special characters.	as expected																																																		
A_IM-10 Acquisition of address book entries containing a blank name entry.	as expected																																																		
A_IM-11 Acquisition of embedded email addresses within address book entries.	as expected																																																		
A_IM-12 Acquisition of embedded graphics within address book entries.	as expected																																																		
A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected																																																		
A_IM-14 Acquisition of maximum length PIM data.	as expected																																																		
Analysis:	Expected results achieved																																																		

5.2.39 CFT-IM-07 (SCH-u740)

Test Case CFT-IM-07 BitPim 1.0.6-official																																																																																									
Case Summary:	CFT-IM-07 Acquire mobile device internal memory and review reported call logs.																																																																																								
Assertions:	<p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-15 If a cellular forensic tool successfully completes acquisition of the target device then all call logs (incoming/outgoing) shall be presented in a human-readable format without modification.</p>																																																																																								
Tester Name:	rpa																																																																																								
Test Host:	Morrisy																																																																																								
Test Date:	Thu Jul 16 14:08:22 EDT 2009																																																																																								
Device:	Samsung SCHu740																																																																																								
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image
DATA OBJECTS	DATA ELEMENTS																																																																																								
Address Book Entries																																																																																									
	Maximum Length																																																																																								
	Regular Length, email, picture																																																																																								
	Special Character																																																																																								
	Blank Name																																																																																								
	Regular Length, Deleted email - deleted picture																																																																																								
	Deleted Entry																																																																																								
	Foreign Entry																																																																																								
PIM Data																																																																																									
	Maximum Length																																																																																								
	Regular Length																																																																																								
	Deleted Entry																																																																																								
	Special Character																																																																																								
Call Logs																																																																																									
	Missed																																																																																								
	Missed - Deleted																																																																																								
	Incoming																																																																																								
	Incoming - Deleted																																																																																								
	Outgoing																																																																																								
	Outgoing - Deleted																																																																																								
Text Messages																																																																																									
	Incoming SMS - Read																																																																																								
	Incoming SMS - Unread																																																																																								
	Incoming SMS - Deleted																																																																																								
	Outgoing SMS																																																																																								
	Outgoing SMS - Deleted																																																																																								
	Incoming EMS - Read																																																																																								
	Incoming EMS - Unread																																																																																								
	Incoming Foreign EMS - Read																																																																																								
	Incoming EMS - Deleted																																																																																								
	Outgoing EMS																																																																																								
	Outgoing EMS - Deleted																																																																																								
MMS Messages																																																																																									
	Incoming Audio																																																																																								
	Incoming Image																																																																																								
	Incoming Video																																																																																								
	Outgoing Audio																																																																																								
	Outgoing Image																																																																																								
	Outgoing Video																																																																																								
Stand-alone data files																																																																																									
	Audio																																																																																								
	Audio - Deleted																																																																																								
	Image																																																																																								

Test Case CFT-IM-07 BitPim 1.0.6-official									
	<table border="1"> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </table>		Image - Deleted		Video		Video - Deleted		
	Image - Deleted								
	Video								
	Video - Deleted								
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 14:08:22 EDT 2009 Acquisition finished: Thu Jul 16 14:10:40 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful All Call Logs (incoming, outgoing) were acquired</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A IM-15 Acquisition of call logs.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A IM-04 Readability and completeness of acquired data via supported reports.	as expected	A IM-15 Acquisition of call logs.	as expected
Assertion & Expected Result	Actual Result								
A IM-01 Device connectivity via supported interfaces.	as expected								
A IM-04 Readability and completeness of acquired data via supported reports.	as expected								
A IM-15 Acquisition of call logs.	as expected								
Analysis:	Expected results achieved								

5.2.40 CFT-IM-08 (SCH-u740)

Test Case CFT-IM-08 BitPim 1.0.6-official																																																																																									
Case Summary:	CFT-IM-08 Acquire mobile device internal memory and review reported text messages.																																																																																								
Assertions:	<p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-16 If a cellular forensic tool successfully completes acquisition of the target device then all text messages (i.e., SMS, EMS) messages shall be presented in a human-readable format without modification.</p>																																																																																								
Tester Name:	rpa																																																																																								
Test Host:	Morrisy																																																																																								
Test Date:	Thu Jul 16 13:24:40 EDT 2009																																																																																								
Device:	Samsung SCHu740																																																																																								
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image
DATA OBJECTS	DATA ELEMENTS																																																																																								
Address Book Entries																																																																																									
	Maximum Length																																																																																								
	Regular Length, email, picture																																																																																								
	Special Character																																																																																								
	Blank Name																																																																																								
	Regular Length, Deleted email - deleted picture																																																																																								
	Deleted Entry																																																																																								
	Foreign Entry																																																																																								
PIM Data																																																																																									
	Maximum Length																																																																																								
	Regular Length																																																																																								
	Deleted Entry																																																																																								
	Special Character																																																																																								
Call Logs																																																																																									
	Missed																																																																																								
	Missed - Deleted																																																																																								
	Incoming																																																																																								
	Incoming - Deleted																																																																																								
	Outgoing																																																																																								
	Outgoing - Deleted																																																																																								
Text Messages																																																																																									
	Incoming SMS - Read																																																																																								
	Incoming SMS - Unread																																																																																								
	Incoming SMS - Deleted																																																																																								
	Outgoing SMS																																																																																								
	Outgoing SMS - Deleted																																																																																								
	Incoming EMS - Read																																																																																								
	Incoming EMS - Unread																																																																																								
	Incoming Foreign EMS - Read																																																																																								
	Incoming EMS - Deleted																																																																																								
	Outgoing EMS																																																																																								
	Outgoing EMS - Deleted																																																																																								
MMS Messages																																																																																									
	Incoming Audio																																																																																								
	Incoming Image																																																																																								
	Incoming Video																																																																																								
	Outgoing Audio																																																																																								
	Outgoing Image																																																																																								
	Outgoing Video																																																																																								
Stand-alone data files																																																																																									
	Audio																																																																																								
	Audio - Deleted																																																																																								
	Image																																																																																								

Test Case CFT-IM-08 BitPim 1.0.6-official									
	<table border="1"> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </table>		Image - Deleted		Video		Video - Deleted		
	Image - Deleted								
	Video								
	Video - Deleted								
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 13:24:40 EDT 2009 Acquisition finished: Thu Jul 16 13:26:43 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful ALL text messages (SMS, EMS) were acquired</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A IM-16 Acquisition of text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A IM-04 Readability and completeness of acquired data via supported reports.	as expected	A IM-16 Acquisition of text messages.	as expected
Assertion & Expected Result	Actual Result								
A IM-01 Device connectivity via supported interfaces.	as expected								
A IM-04 Readability and completeness of acquired data via supported reports.	as expected								
A IM-16 Acquisition of text messages.	as expected								
Analysis:	Expected results achieved								

5.2.41 CFT-IM-09 (SCH-u740)

Test Case CFT-IM-09 BitPim 1.0.6-official																																																																													
Case Summary:	CFT-IM-09 Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video).																																																																												
Assertions:	<p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-17 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated audio shall be presented properly without modification.</p> <p>A_IM-18 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated images shall be presented properly without modification.</p> <p>A_IM-19 If a cellular forensic tool successfully completes acquisition of the target device then all MMS messages and associated video shall be presented properly without modification.</p>																																																																												
Tester Name:	rpa																																																																												
Test Host:	Morrisy																																																																												
Test Date:	Thu Jul 16 13:27:17 EDT 2009																																																																												
Device:	Samsung SCHu740																																																																												
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio
DATA OBJECTS	DATA ELEMENTS																																																																												
Address Book Entries																																																																													
	Maximum Length																																																																												
	Regular Length, email, picture																																																																												
	Special Character																																																																												
	Blank Name																																																																												
	Regular Length, Deleted email - deleted picture																																																																												
	Deleted Entry																																																																												
	Foreign Entry																																																																												
PIM Data																																																																													
	Maximum Length																																																																												
	Regular Length																																																																												
	Deleted Entry																																																																												
	Special Character																																																																												
Call Logs																																																																													
	Missed																																																																												
	Missed - Deleted																																																																												
	Incoming																																																																												
	Incoming - Deleted																																																																												
	Outgoing																																																																												
	Outgoing - Deleted																																																																												
Text Messages																																																																													
	Incoming SMS - Read																																																																												
	Incoming SMS - Unread																																																																												
	Incoming SMS - Deleted																																																																												
	Outgoing SMS																																																																												
	Outgoing SMS - Deleted																																																																												
	Incoming EMS - Read																																																																												
	Incoming EMS - Unread																																																																												
	Incoming Foreign EMS - Read																																																																												
	Incoming EMS - Deleted																																																																												
	Outgoing EMS																																																																												
	Outgoing EMS - Deleted																																																																												
MMS Messages																																																																													
	Incoming Audio																																																																												
	Incoming Image																																																																												
	Incoming Video																																																																												
	Outgoing Audio																																																																												

Test Case CFT-IM-09 BitPim 1.0.6-official																			
	<table border="1"> <tr><td></td><td>Outgoing Image</td></tr> <tr><td></td><td>Outgoing Video</td></tr> <tr><td>Stand-alone data files</td><td></td></tr> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
	Outgoing Image																		
	Outgoing Video																		
Stand-alone data files																			
	Audio																		
	Audio - Deleted																		
	Image																		
	Image - Deleted																		
	Video																		
	Video - Deleted																		
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 13:27:17 EDT 2009 Acquisition finished: Thu Jul 16 13:29:33 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful ALL MMS messages (Audio, Image, Video) were acquired</p>																		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A IM-17 Acquisition of audio MMS messages.</td> <td>as expected</td> </tr> <tr> <td>A IM-18 Acquisition of image MMS messages.</td> <td>as expected</td> </tr> <tr> <td>A IM-19 Acquisition of video MMS messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected	A IM-17 Acquisition of audio MMS messages.	as expected	A IM-18 Acquisition of image MMS messages.	as expected	A IM-19 Acquisition of video MMS messages.	as expected						
Assertion & Expected Result	Actual Result																		
A IM-01 Device connectivity via supported interfaces.	as expected																		
A_IM-04 Readability and completeness of acquired data via supported reports.	as expected																		
A IM-17 Acquisition of audio MMS messages.	as expected																		
A IM-18 Acquisition of image MMS messages.	as expected																		
A IM-19 Acquisition of video MMS messages.	as expected																		
Analysis:	Expected results achieved																		

5.2.42 CFT-IM-10 (SCH-u740)

Test Case CFT-IM-10 BitPim 1.0.6-official																																																																							
Case Summary:	CFT-IM-10 Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video).																																																																						
Assertions:	<p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-20 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone audio files shall be playable via either an internal application or suggested third-party application without modification.</p> <p>A_IM-21 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone image files shall be viewable via either an internal application or suggested third-party application without modification.</p> <p>A_IM-22 If a cellular forensic tool successfully completes acquisition of the target device then all stand-alone video files shall be viewable via either an internal application or suggested third-party application without modification.</p>																																																																						
Tester Name:	rpa																																																																						
Test Host:	Morrisy																																																																						
Test Date:	Thu Jul 16 13:38:19 EDT 2009																																																																						
Device:	Samsung SCHu740																																																																						
Source Setup:	OS: WIN XP Interface: cable <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio
DATA OBJECTS	DATA ELEMENTS																																																																						
Address Book Entries																																																																							
	Maximum Length																																																																						
	Regular Length, email, picture																																																																						
	Special Character																																																																						
	Blank Name																																																																						
	Regular Length, Deleted email - deleted picture																																																																						
	Deleted Entry																																																																						
	Foreign Entry																																																																						
PIM Data																																																																							
	Maximum Length																																																																						
	Regular Length																																																																						
	Deleted Entry																																																																						
	Special Character																																																																						
Call Logs																																																																							
	Missed																																																																						
	Missed - Deleted																																																																						
	Incoming																																																																						
	Incoming - Deleted																																																																						
	Outgoing																																																																						
	Outgoing - Deleted																																																																						
Text Messages																																																																							
	Incoming SMS - Read																																																																						
	Incoming SMS - Unread																																																																						
	Incoming SMS - Deleted																																																																						
	Outgoing SMS																																																																						
	Outgoing SMS - Deleted																																																																						
	Incoming EMS - Read																																																																						
	Incoming EMS - Unread																																																																						
	Incoming Foreign EMS - Read																																																																						
	Incoming EMS - Deleted																																																																						
	Outgoing EMS																																																																						
	Outgoing EMS - Deleted																																																																						
MMS Messages																																																																							
	Incoming Audio																																																																						

Test Case CFT-IM-10 BitPim 1.0.6-official																									
	<table border="1"> <tr><td></td><td>Incoming Image</td></tr> <tr><td></td><td>Incoming Video</td></tr> <tr><td></td><td>Outgoing Audio</td></tr> <tr><td></td><td>Outgoing Image</td></tr> <tr><td></td><td>Outgoing Video</td></tr> <tr><td>Stand-alone data files</td><td></td></tr> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
	Incoming Image																								
	Incoming Video																								
	Outgoing Audio																								
	Outgoing Image																								
	Outgoing Video																								
Stand-alone data files																									
	Audio																								
	Audio - Deleted																								
	Image																								
	Image - Deleted																								
	Video																								
	Video - Deleted																								
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 13:38:19 EDT 2009 Acquisition finished: Thu Jul 16 13:40:46 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful ALL stand-alone data files (Audio, Image, Video) were acquired</p>																								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A IM-20 Acquisition of stand-alone audio files.</td> <td>as expected</td> </tr> <tr> <td>A IM-21 Acquisition of stand-alone graphic files.</td> <td>as expected</td> </tr> <tr> <td>A IM-22 Acquisition of stand-alone video files.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A IM-04 Readability and completeness of acquired data via supported reports.	as expected	A IM-20 Acquisition of stand-alone audio files.	as expected	A IM-21 Acquisition of stand-alone graphic files.	as expected	A IM-22 Acquisition of stand-alone video files.	as expected												
Assertion & Expected Result	Actual Result																								
A IM-01 Device connectivity via supported interfaces.	as expected																								
A IM-04 Readability and completeness of acquired data via supported reports.	as expected																								
A IM-20 Acquisition of stand-alone audio files.	as expected																								
A IM-21 Acquisition of stand-alone graphic files.	as expected																								
A IM-22 Acquisition of stand-alone video files.	as expected																								
Analysis:	Expected results achieved																								

5.2.43 CFT-IMO-01 (SCH-u740)

Test Case CFT-IMO-01 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IMO-01 Acquire mobile device internal memory and review reported data via supported generated report formats.																																																																																														
Assertions:	A IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Thu Jul 16 13:41:11 EDT 2009																																																																																														
Device:	Samsung SCHu740																																																																																														
Source Setup:	OS: WIN XP Interface: cable																																																																																														
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														
Log	Created By BitPim Version 1.0.6 - official																																																																																														

Test Case CFT-IMO-01 BitPim 1.0.6-official					
Highlights:	Acquisition started: Thu Jul 16 13:41:11 EDT 2009 Acquisition finished: Thu Jul 16 13:52:03 EDT 2009 Complete representation of known data via generated reports was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-23 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
Assertion & Expected Result	Actual Result				
A_IMO-23 Comparison of known device data elements via generated reports.	as expected				
Analysis:	Expected results achieved				

5.2.44 CFT-IMO-02 (SCH-u740)

Test Case CFT-IMO-02 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IMO-02 Acquire mobile device internal memory and review reported data via the preview-pane.																																																																																														
Assertions:	A IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Thu Jul 16 13:52:27 EDT 2009																																																																																														
Device:	Samsung SCHu740																																																																																														
Source Setup:	OS: WIN XP Interface: cable																																																																																														
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														
Log	Created By BitPim Version 1.0.6 - official																																																																																														

Test Case CFT-IMO-02 BitPim 1.0.6-official					
Highlights:	Acquisition started: Thu Jul 16 13:52:27 EDT 2009 Acquisition finished: Thu Jul 16 13:57:47 EDT 2009 Complete representation of known data via preview-pane was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-24 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
Assertion & Expected Result	Actual Result				
A_IMO-24 Comparison of known device data elements via preview-pane.	as expected				
Analysis:	Expected results achieved				

5.2.45 CFT-IMO-03 (SCH-u740)

Test Case CFT-IMO-03 BitPim 1.0.6-official																																																																																													
Case Summary:	CFT-IMO-03 Acquire mobile device internal memory and compare reported data via the preview-pane and supported generated reports.																																																																																												
Assertions:	<p>A_IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.</p> <p>A_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.</p> <p>A_IMO-25 If a cellular forensic tool provides a preview-pane view and a generated report of the acquired data then the reports shall maintain consistency of all reported data elements.</p>																																																																																												
Tester Name:	rpa																																																																																												
Test Host:	Morrisy																																																																																												
Test Date:	Thu Jul 16 13:58:11 EDT 2009																																																																																												
Device:	Samsung SCHu740																																																																																												
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video
DATA OBJECTS	DATA ELEMENTS																																																																																												
Address Book Entries																																																																																													
	Maximum Length																																																																																												
	Regular Length, email, picture																																																																																												
	Special Character																																																																																												
	Blank Name																																																																																												
	Regular Length, Deleted email - deleted picture																																																																																												
	Deleted Entry																																																																																												
	Foreign Entry																																																																																												
PIM Data																																																																																													
	Maximum Length																																																																																												
	Regular Length																																																																																												
	Deleted Entry																																																																																												
	Special Character																																																																																												
Call Logs																																																																																													
	Missed																																																																																												
	Missed - Deleted																																																																																												
	Incoming																																																																																												
	Incoming - Deleted																																																																																												
	Outgoing																																																																																												
	Outgoing - Deleted																																																																																												
Text Messages																																																																																													
	Incoming SMS - Read																																																																																												
	Incoming SMS - Unread																																																																																												
	Incoming SMS - Deleted																																																																																												
	Outgoing SMS																																																																																												
	Outgoing SMS - Deleted																																																																																												
	Incoming EMS - Read																																																																																												
	Incoming EMS - Unread																																																																																												
	Incoming Foreign EMS - Read																																																																																												
	Incoming EMS - Deleted																																																																																												
	Outgoing EMS																																																																																												
	Outgoing EMS - Deleted																																																																																												
MMS Messages																																																																																													
	Incoming Audio																																																																																												
	Incoming Image																																																																																												
	Incoming Video																																																																																												
	Outgoing Audio																																																																																												
	Outgoing Image																																																																																												
	Outgoing Video																																																																																												
Stand-alone data files																																																																																													
	Audio																																																																																												
	Audio - Deleted																																																																																												
	Image																																																																																												
	Image - Deleted																																																																																												
	Video																																																																																												

Test Case CFT-IMO-03 BitPim 1.0.6-official									
	Video - Deleted								
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 13:58:11 EDT 2009 Acquisition finished: Thu Jul 16 14:01:25 EDT 2009</p> <p>Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Consistency between generated reports and preview-pane was successful</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-23 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-24 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-25 Compare generated reports and preview-pane views for device acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IMO-23 Comparison of known device data elements via generated reports.	as expected	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected	A_IMO-25 Compare generated reports and preview-pane views for device acquisition.	as expected
Assertion & Expected Result	Actual Result								
A_IMO-23 Comparison of known device data elements via generated reports.	as expected								
A_IMO-24 Comparison of known device data elements via preview-pane.	as expected								
A_IMO-25 Compare generated reports and preview-pane views for device acquisition.	as expected								
Analysis:	Expected results achieved								

5.2.46 CFT-IMO-05 (SCH-u740)

Test Case CFT-IMO-05 BitPim 1.0.6-official																																																																																													
Case Summary:	CFT-IMO-05 Perform a physical acquisition and review data output for readability.																																																																																												
Assertions:	<p>A_IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.</p> <p>A_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.</p> <p>A_IMO-27 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall successfully complete the acquisition and present the data in a human-readable format.</p>																																																																																												
Tester Name:	rpa																																																																																												
Test Host:	Morrisy																																																																																												
Test Date:	Thu Jul 16 14:01:54 EDT 2009																																																																																												
Device:	Samsung SCHu740																																																																																												
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video
DATA OBJECTS	DATA ELEMENTS																																																																																												
Address Book Entries																																																																																													
	Maximum Length																																																																																												
	Regular Length, email, picture																																																																																												
	Special Character																																																																																												
	Blank Name																																																																																												
	Regular Length, Deleted email - deleted picture																																																																																												
	Deleted Entry																																																																																												
	Foreign Entry																																																																																												
PIM Data																																																																																													
	Maximum Length																																																																																												
	Regular Length																																																																																												
	Deleted Entry																																																																																												
	Special Character																																																																																												
Call Logs																																																																																													
	Missed																																																																																												
	Missed - Deleted																																																																																												
	Incoming																																																																																												
	Incoming - Deleted																																																																																												
	Outgoing																																																																																												
	Outgoing - Deleted																																																																																												
Text Messages																																																																																													
	Incoming SMS - Read																																																																																												
	Incoming SMS - Unread																																																																																												
	Incoming SMS - Deleted																																																																																												
	Outgoing SMS																																																																																												
	Outgoing SMS - Deleted																																																																																												
	Incoming EMS - Read																																																																																												
	Incoming EMS - Unread																																																																																												
	Incoming Foreign EMS - Read																																																																																												
	Incoming EMS - Deleted																																																																																												
	Outgoing EMS																																																																																												
	Outgoing EMS - Deleted																																																																																												
MMS Messages																																																																																													
	Incoming Audio																																																																																												
	Incoming Image																																																																																												
	Incoming Video																																																																																												
	Outgoing Audio																																																																																												
	Outgoing Image																																																																																												
	Outgoing Video																																																																																												
Stand-alone data files																																																																																													
	Audio																																																																																												
	Audio - Deleted																																																																																												
	Image																																																																																												
	Image - Deleted																																																																																												
	Video																																																																																												

Test Case CFT-IMO-05 BitPim 1.0.6-official									
	Video - Deleted								
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 14:01:54 EDT 2009 Acquisition finished: Thu Jul 16 14:04:01 EDT 2009</p> <p>Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Physical Acquisition: readability and completeness was successful</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-23 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-24 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-27 Readability and completeness of data acquired via a physical acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IMO-23 Comparison of known device data elements via generated reports.	as expected	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected	A_IMO-27 Readability and completeness of data acquired via a physical acquisition.	as expected
Assertion & Expected Result	Actual Result								
A_IMO-23 Comparison of known device data elements via generated reports.	as expected								
A_IMO-24 Comparison of known device data elements via preview-pane.	as expected								
A_IMO-27 Readability and completeness of data acquired via a physical acquisition.	as expected								
Analysis:	Expected results achieved								

5.2.47 CFT-IMO-07 (SCH-u740)

Test Case CFT-IMO-07 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IMO-07 Acquire mobile device internal memory and review generated log files.																																																																																														
Assertions:	A IMO-36 If the cellular forensic tool supports log creation then the application should present the log files outlining the acquisition process in a human-readable format.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Wed Jul 16 14:10:31 EDT 2009																																																																																														
Device:	Samsung SCHu740																																																																																														
Source Setup:	OS: WIN XP Interface: cable																																																																																														
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														
Log	Created By BitPim Version 1.0.6 - official																																																																																														

Test Case CFT-IMO-07 BitPim 1.0.6-official					
Highlights:	Acquisition started: Wed Jul 16 14:10:31 EDT 2009 Acquisition finished: Wed Jul 16 14:15:36 EDT 2009 Creation of complete and human-readable log files was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IMO-36 Device Log file output.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IMO-36 Device Log file output.	as expected
Assertion & Expected Result	Actual Result				
A IMO-36 Device Log file output.	as expected				
Analysis:	Expected results achieved				

5.2.48 CFT-IMO-08 (SCH-u740)

Test Case CFT-IMO-08 BitPim 1.0.6-official																																																							
Case Summary:	CFT-IMO-08 Acquire mobile device internal memory and review data containing foreign language characters.																																																						
Assertions:	<p>A_IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.</p> <p>A_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.</p> <p>A_IMO-37 If the cellular forensic tool supports proper display of foreign language character sets then the application should present address book entries containing foreign language characters in their native format without modification.</p> <p>A_IMO-38 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.</p>																																																						
Tester Name:	rpa																																																						
Test Host:	Morrisy																																																						
Test Date:	Thu Jul 16 14:12:16 EDT 2009																																																						
Device:	Samsung SCHu740																																																						
Source Setup:	OS: WIN XP Interface: cable																																																						
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted
DATA OBJECTS	DATA ELEMENTS																																																						
Address Book Entries																																																							
	Maximum Length																																																						
	Regular Length, email, picture																																																						
	Special Character																																																						
	Blank Name																																																						
	Regular Length, Deleted email - deleted picture																																																						
	Deleted Entry																																																						
	Foreign Entry																																																						
PIM Data																																																							
	Maximum Length																																																						
	Regular Length																																																						
	Deleted Entry																																																						
	Special Character																																																						
Call Logs																																																							
	Missed																																																						
	Missed - Deleted																																																						
	Incoming																																																						
	Incoming - Deleted																																																						
	Outgoing																																																						
	Outgoing - Deleted																																																						
Text Messages																																																							
	Incoming SMS - Read																																																						
	Incoming SMS - Unread																																																						
	Incoming SMS - Deleted																																																						
	Outgoing SMS																																																						
	Outgoing SMS - Deleted																																																						

Test Case CFT-IMO-08 BitPim 1.0.6-official																																									
	<table border="1"> <tr><td></td><td>Incoming EMS - Read</td></tr> <tr><td></td><td>Incoming EMS - Unread</td></tr> <tr><td></td><td>Incoming Foreign EMS - Read</td></tr> <tr><td></td><td>Incoming EMS - Deleted</td></tr> <tr><td></td><td>Outgoing EMS</td></tr> <tr><td></td><td>Outgoing EMS - Deleted</td></tr> <tr><td>MMS Messages</td><td></td></tr> <tr><td></td><td>Incoming Audio</td></tr> <tr><td></td><td>Incoming Image</td></tr> <tr><td></td><td>Incoming Video</td></tr> <tr><td></td><td>Outgoing Audio</td></tr> <tr><td></td><td>Outgoing Image</td></tr> <tr><td></td><td>Outgoing Video</td></tr> <tr><td>Stand-alone data files</td><td></td></tr> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
	Incoming EMS - Read																																								
	Incoming EMS - Unread																																								
	Incoming Foreign EMS - Read																																								
	Incoming EMS - Deleted																																								
	Outgoing EMS																																								
	Outgoing EMS - Deleted																																								
MMS Messages																																									
	Incoming Audio																																								
	Incoming Image																																								
	Incoming Video																																								
	Outgoing Audio																																								
	Outgoing Image																																								
	Outgoing Video																																								
Stand-alone data files																																									
	Audio																																								
	Audio - Deleted																																								
	Image																																								
	Image - Deleted																																								
	Video																																								
	Video - Deleted																																								
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Thu Jul 16 14:12:16 EDT 2009 Acquisition finished: Thu Jul 16 15:09:48 EDT 2009</p> <p>Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Foreign character Address book entries were acquired but not properly displayed Foreign character text messages were acquired but not properly displayed</p>																																								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-23 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-24 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-37 Acquisition of address book entries containing foreign language characters.</td> <td>NOT as expected</td> </tr> <tr> <td>A_IMO-38 Acquisition of outgoing text messages containing foreign language characters.</td> <td>NOT as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IMO-23 Comparison of known device data elements via generated reports.	as expected	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected	A_IMO-37 Acquisition of address book entries containing foreign language characters.	NOT as expected	A_IMO-38 Acquisition of outgoing text messages containing foreign language characters.	NOT as expected																														
Assertion & Expected Result	Actual Result																																								
A_IMO-23 Comparison of known device data elements via generated reports.	as expected																																								
A_IMO-24 Comparison of known device data elements via preview-pane.	as expected																																								
A_IMO-37 Acquisition of address book entries containing foreign language characters.	NOT as expected																																								
A_IMO-38 Acquisition of outgoing text messages containing foreign language characters.	NOT as expected																																								
Analysis:	Expected results NOT achieved																																								

5.2.49 CFT-IM-01 (SPH-a660)

Test Case CFT-IM-01 BitPim 1.0.6-official																																																																																			
Case Summary:	CFT-IM-01 Acquire mobile device internal memory over supported interfaces (e.g., cable, Bluetooth, IrDA).																																																																																		
Assertions:	A IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).																																																																																		
Tester Name:	rpa																																																																																		
Test Host:	Morrisy																																																																																		
Test Date:	Fri Jul 17 08:59:44 EDT 2009																																																																																		
Device:	Samsung SPHa660																																																																																		
Source Setup:	OS: WIN XP Interface: cable																																																																																		
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries	Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data	Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs	Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages	Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages	Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files	Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																		
Address Book Entries	Maximum Length																																																																																		
	Regular Length, email, picture																																																																																		
	Special Character																																																																																		
	Blank Name																																																																																		
	Regular Length, Deleted email - deleted picture																																																																																		
	Deleted Entry																																																																																		
	Foreign Entry																																																																																		
PIM Data	Maximum Length																																																																																		
	Regular Length																																																																																		
	Deleted Entry																																																																																		
	Special Character																																																																																		
Call Logs	Missed																																																																																		
	Missed - Deleted																																																																																		
	Incoming																																																																																		
	Incoming - Deleted																																																																																		
	Outgoing																																																																																		
	Outgoing - Deleted																																																																																		
Text Messages	Incoming SMS - Read																																																																																		
	Incoming SMS - Unread																																																																																		
	Incoming SMS - Deleted																																																																																		
	Outgoing SMS																																																																																		
	Outgoing SMS - Deleted																																																																																		
	Incoming EMS - Read																																																																																		
	Incoming EMS - Unread																																																																																		
	Incoming Foreign EMS - Read																																																																																		
	Incoming EMS - Deleted																																																																																		
	Outgoing EMS																																																																																		
	Outgoing EMS - Deleted																																																																																		
MMS Messages	Incoming Audio																																																																																		
	Incoming Image																																																																																		
	Incoming Video																																																																																		
	Outgoing Audio																																																																																		
	Outgoing Image																																																																																		
	Outgoing Video																																																																																		
Stand-alone data files	Audio																																																																																		
	Audio - Deleted																																																																																		
	Image																																																																																		
	Image - Deleted																																																																																		
	Video																																																																																		
	Video - Deleted																																																																																		
Log	Created By BitPim Version 1.0.6 - official																																																																																		

Test Case CFT-IM-01 BitPim 1.0.6-official					
Highlights:	Acquisition started: Fri Jul 17 08:59:44 EDT 2009 Acquisition finished: Fri Jul 17 09:02:28 EDT 2009 Device connectivity was established via supported interface				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected
Assertion & Expected Result	Actual Result				
A IM-01 Device connectivity via supported interfaces.	as expected				
Analysis:	Expected results achieved				

5.2.50 CFT-IM-02 (SPH-a660)

Test Case CFT-IM-02 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IM-02 Attempt internal memory acquisition of a non-supported mobile device.																																																																																														
Assertions:	A IM-02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall have the ability to identify that the device is not supported.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Fri Jul 17 09:02:52 EDT 2009																																																																																														
Device:	non supported device																																																																																														
Source Setup:	OS: WIN XP Interface: cable <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														
Log	Created By BitPim Version 1.0.6 - official																																																																																														

Test Case CFT-IM-02 BitPim 1.0.6-official					
Highlights:	Acquisition started: Fri Jul 17 09:02:52 EDT 2009 Acquisition finished: Fri Jul 17 09:04:30 EDT 2009 Identification of non-supported devices was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-02 Identification of non-supported devices.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-02 Identification of non-supported devices.	as expected
Assertion & Expected Result	Actual Result				
A IM-02 Identification of non-supported devices.	as expected				
Analysis:	Expected results achieved				

5.2.51 CFT-IM-03 (SPH-a660)

Test Case CFT-IM-03 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IM-03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.																																																																																														
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). A_IM-03 If a cellular forensic tool encounters disengagement between the device and application then the application shall notify the user that connectivity has been disrupted.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Fri Jul 17 09:04:53 EDT 2009																																																																																														
Device:	Samsung SPHa660																																																																																														
Source Setup:	OS: WIN XP Interface: cable																																																																																														
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														

Test Case CFT-IM-03 BitPim 1.0.6-official							
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Fri Jul 17 09:04:53 EDT 2009 Acquisition finished: Fri Jul 17 09:09:24 EDT 2009</p> <p>Device connectivity was established via supported interface Device acquisition disruption notification was successful</p>						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A IM-03 Notification of device acquisition disruption.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A IM-03 Notification of device acquisition disruption.	as expected
Assertion & Expected Result	Actual Result						
A IM-01 Device connectivity via supported interfaces.	as expected						
A IM-03 Notification of device acquisition disruption.	as expected						
Analysis:	Expected results achieved						

5.2.52 CFT-IM-04 (SPH-a660)

Test Case CFT-IM-04 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IM-04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.																																																																																														
Assertions:	A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Fri Jul 17 09:11:12 EDT 2009																																																																																														
Device:	Samsung SPHa660																																																																																														
Source Setup:	OS: WIN XP Interface: cable																																																																																														
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														

Test Case CFT-IM-04 BitPim 1.0.6-official							
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Fri Jul 17 09:11:12 EDT 2009 Acquisition finished: Fri Jul 17 09:19:36 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful</p>						
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected
Assertion & Expected Result	Actual Result						
A IM-01 Device connectivity via supported interfaces.	as expected						
A_IM-04 Readability and completeness of acquired data via supported reports.	as expected						
Analysis:	Expected results achieved						

5.2.53 CFT-IM-05 (SPH-a660)

Test Case CFT-IM-05 BitPim 1.0.6-official																																																																									
Case Summary:	CFT-IM-05 Acquire mobile device internal memory and review reported subscriber and equipment related information (i.e., MEID, MSISDN).																																																																								
Assertions:	<p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-05 If a cellular forensic tool successfully completes acquisition of the target device then subscriber related information shall be presented in a human-readable format without modification.</p> <p>A_IM-06 If a cellular forensic tool successfully completes acquisition of the target device then equipment related information shall be presented in a human-readable format without modification.</p>																																																																								
Tester Name:	rpa																																																																								
Test Host:	Morrisy																																																																								
Test Date:	Fri Jul 17 09:27:18 EDT 2009																																																																								
Device:	Samsung SPHa660																																																																								
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries	Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data	Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs	Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages	Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages	Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files	
DATA OBJECTS	DATA ELEMENTS																																																																								
Address Book Entries	Maximum Length																																																																								
	Regular Length, email, picture																																																																								
	Special Character																																																																								
	Blank Name																																																																								
	Regular Length, Deleted email - deleted picture																																																																								
	Deleted Entry																																																																								
	Foreign Entry																																																																								
PIM Data	Maximum Length																																																																								
	Regular Length																																																																								
	Deleted Entry																																																																								
	Special Character																																																																								
Call Logs	Missed																																																																								
	Missed - Deleted																																																																								
	Incoming																																																																								
	Incoming - Deleted																																																																								
	Outgoing																																																																								
	Outgoing - Deleted																																																																								
Text Messages	Incoming SMS - Read																																																																								
	Incoming SMS - Unread																																																																								
	Incoming SMS - Deleted																																																																								
	Outgoing SMS																																																																								
	Outgoing SMS - Deleted																																																																								
	Incoming EMS - Read																																																																								
	Incoming EMS - Unread																																																																								
	Incoming Foreign EMS - Read																																																																								
	Incoming EMS - Deleted																																																																								
	Outgoing EMS																																																																								
	Outgoing EMS - Deleted																																																																								
MMS Messages	Incoming Audio																																																																								
	Incoming Image																																																																								
	Incoming Video																																																																								
	Outgoing Audio																																																																								
	Outgoing Image																																																																								
	Outgoing Video																																																																								
Stand-alone data files																																																																									

Test Case CFT-IM-05 BitPim 1.0.6-official													
	<table border="1"> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>		Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
	Audio												
	Audio - Deleted												
	Image												
	Image - Deleted												
	Video												
	Video - Deleted												
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Fri Jul 17 09:27:18 EDT 2009 Acquisition finished: Fri Jul 17 09:34:53 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful MSISDN was not acquired - NA</p>												
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A IM-05 Acquisition of MSISDN.</td> <td>NA</td> </tr> <tr> <td>A IM-06 Acquisition of MEID.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected	A IM-05 Acquisition of MSISDN.	NA	A IM-06 Acquisition of MEID.	as expected		
Assertion & Expected Result	Actual Result												
A IM-01 Device connectivity via supported interfaces.	as expected												
A_IM-04 Readability and completeness of acquired data via supported reports.	as expected												
A IM-05 Acquisition of MSISDN.	NA												
A IM-06 Acquisition of MEID.	as expected												
Analysis:	Expected results achieved												

5.2.54 CFT-IM-06 (SPH-a660)

Test Case CFT-IM-06 BitPim 1.0.6-official																									
Case Summary:	CFT-IM-06 Acquire mobile device internal memory and review reported PIM related data.																								
Assertions:	<p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-07 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-08 If a cellular forensic tool successfully completes acquisition of the target device then all known maximum length address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-09 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing special characters shall be presented in a human-readable format without modification.</p> <p>A_IM-10 If a cellular forensic tool successfully completes acquisition of the target device then all known address book entries containing blank names shall be presented in a human-readable format without modification.</p> <p>A_IM-11 If a cellular forensic tool successfully completes acquisition of the target device then all known email addresses associated with address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-12 If a cellular forensic tool successfully completes acquisition of the target device then all known graphics associated with address book entries shall be presented in a human-readable format without modification.</p> <p>A_IM-13 If a cellular forensic tool successfully completes acquisition of the target device then all known datebook, calendar, note entries shall be presented in a human-readable format without modification.</p> <p>A_IM-14 If a cellular forensic tool successfully completes acquisition of the target device then all maximum length datebook, calendar, note entries shall be presented in a human readable format without modification.</p>																								
Tester Name:	rpa																								
Test Host:	Morrisy																								
Test Date:	Fri Jul 17 09:48:14 EDT 2009																								
Device:	Samsung SPHa660																								
Source Setup:	<p>OS: WIN XP</p> <p>Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td rowspan="10">Address Book Entries</td> <td>Maximum Length</td> </tr> <tr> <td>Regular Length, email, picture</td> </tr> <tr> <td>Special Character</td> </tr> <tr> <td>Blank Name</td> </tr> <tr> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td>Deleted Entry</td> </tr> <tr> <td>Foreign Entry</td> </tr> <tr> <td rowspan="4">PIM Data</td> <td>Maximum Length</td> </tr> <tr> <td>Regular Length</td> </tr> <tr> <td>Deleted Entry</td> </tr> <tr> <td>Special Character</td> </tr> <tr> <td rowspan="6">Call Logs</td> <td>Missed</td> </tr> <tr> <td>Missed - Deleted</td> </tr> <tr> <td>Incoming</td> </tr> <tr> <td>Incoming - Deleted</td> </tr> <tr> <td>Outgoing</td> </tr> <tr> <td>Outgoing - Deleted</td> </tr> <tr> <td rowspan="1">Text Messages</td> <td></td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries	Maximum Length	Regular Length, email, picture	Special Character	Blank Name	Regular Length, Deleted email - deleted picture	Deleted Entry	Foreign Entry	PIM Data	Maximum Length	Regular Length	Deleted Entry	Special Character	Call Logs	Missed	Missed - Deleted	Incoming	Incoming - Deleted	Outgoing	Outgoing - Deleted	Text Messages	
DATA OBJECTS	DATA ELEMENTS																								
Address Book Entries	Maximum Length																								
	Regular Length, email, picture																								
	Special Character																								
	Blank Name																								
	Regular Length, Deleted email - deleted picture																								
	Deleted Entry																								
	Foreign Entry																								
	PIM Data	Maximum Length																							
		Regular Length																							
		Deleted Entry																							
Special Character																									
Call Logs	Missed																								
	Missed - Deleted																								
	Incoming																								
	Incoming - Deleted																								
	Outgoing																								
	Outgoing - Deleted																								
Text Messages																									

Test Case CFT-IM-06 BitPim 1.0.6-official																																																			
	<table border="1"> <tr><td></td><td>Incoming SMS - Read</td></tr> <tr><td></td><td>Incoming SMS - Unread</td></tr> <tr><td></td><td>Incoming SMS - Deleted</td></tr> <tr><td></td><td>Outgoing SMS</td></tr> <tr><td></td><td>Outgoing SMS - Deleted</td></tr> <tr><td></td><td>Incoming EMS - Read</td></tr> <tr><td></td><td>Incoming EMS - Unread</td></tr> <tr><td></td><td>Incoming Foreign EMS - Read</td></tr> <tr><td></td><td>Incoming EMS - Deleted</td></tr> <tr><td></td><td>Outgoing EMS</td></tr> <tr><td></td><td>Outgoing EMS - Deleted</td></tr> <tr><td>MMS Messages</td><td></td></tr> <tr><td></td><td>Incoming Audio</td></tr> <tr><td></td><td>Incoming Image</td></tr> <tr><td></td><td>Incoming Video</td></tr> <tr><td></td><td>Outgoing Audio</td></tr> <tr><td></td><td>Outgoing Image</td></tr> <tr><td></td><td>Outgoing Video</td></tr> <tr><td>Stand-alone data files</td><td></td></tr> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>		Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
	Incoming SMS - Read																																																		
	Incoming SMS - Unread																																																		
	Incoming SMS - Deleted																																																		
	Outgoing SMS																																																		
	Outgoing SMS - Deleted																																																		
	Incoming EMS - Read																																																		
	Incoming EMS - Unread																																																		
	Incoming Foreign EMS - Read																																																		
	Incoming EMS - Deleted																																																		
	Outgoing EMS																																																		
	Outgoing EMS - Deleted																																																		
MMS Messages																																																			
	Incoming Audio																																																		
	Incoming Image																																																		
	Incoming Video																																																		
	Outgoing Audio																																																		
	Outgoing Image																																																		
	Outgoing Video																																																		
Stand-alone data files																																																			
	Audio																																																		
	Audio - Deleted																																																		
	Image																																																		
	Image - Deleted																																																		
	Video																																																		
	Video - Deleted																																																		
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Fri Jul 17 09:48:14 EDT 2009 Acquisition finished: Fri Jul 17 09:57:06 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful All address book entries were successfully acquired ALL PIM related data was acquired</p>																																																		
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A_IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A_IM-07 Acquisition of address book entries.</td> <td>as expected</td> </tr> <tr> <td>A_IM-08 Acquisition of maximum length address book entries.</td> <td>as expected</td> </tr> <tr> <td>A_IM-09 Acquisition of address book entries containing special characters.</td> <td>as expected</td> </tr> <tr> <td>A_IM-10 Acquisition of address book entries containing a blank name entry.</td> <td>as expected</td> </tr> <tr> <td>A_IM-11 Acquisition of embedded email addresses within address book entries.</td> <td>as expected</td> </tr> <tr> <td>A_IM-12 Acquisition of embedded graphics within address book entries.</td> <td>as expected</td> </tr> <tr> <td>A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).</td> <td>as expected</td> </tr> <tr> <td>A_IM-14 Acquisition of maximum length PIM data.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IM-01 Device connectivity via supported interfaces.	as expected	A_IM-04 Readability and completeness of acquired data via supported reports.	as expected	A_IM-07 Acquisition of address book entries.	as expected	A_IM-08 Acquisition of maximum length address book entries.	as expected	A_IM-09 Acquisition of address book entries containing special characters.	as expected	A_IM-10 Acquisition of address book entries containing a blank name entry.	as expected	A_IM-11 Acquisition of embedded email addresses within address book entries.	as expected	A_IM-12 Acquisition of embedded graphics within address book entries.	as expected	A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected	A_IM-14 Acquisition of maximum length PIM data.	as expected																												
Assertion & Expected Result	Actual Result																																																		
A_IM-01 Device connectivity via supported interfaces.	as expected																																																		
A_IM-04 Readability and completeness of acquired data via supported reports.	as expected																																																		
A_IM-07 Acquisition of address book entries.	as expected																																																		
A_IM-08 Acquisition of maximum length address book entries.	as expected																																																		
A_IM-09 Acquisition of address book entries containing special characters.	as expected																																																		
A_IM-10 Acquisition of address book entries containing a blank name entry.	as expected																																																		
A_IM-11 Acquisition of embedded email addresses within address book entries.	as expected																																																		
A_IM-12 Acquisition of embedded graphics within address book entries.	as expected																																																		
A_IM-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected																																																		
A_IM-14 Acquisition of maximum length PIM data.	as expected																																																		
Analysis:	Expected results achieved																																																		

5.2.55 CFT-IM-08 (SPH-a660)

Test Case CFT-IM-08 BitPim 1.0.6-official																																																																																									
Case Summary:	CFT-IM-08 Acquire mobile device internal memory and review reported text messages.																																																																																								
Assertions:	<p>A_IM-01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).</p> <p>A_IM-04 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall have the ability to present acquired data elements in a human-readable format via either a preview-pane or generated report.</p> <p>A_IM-16 If a cellular forensic tool successfully completes acquisition of the target device then all text messages (i.e., SMS, EMS) messages shall be presented in a human-readable format without modification.</p>																																																																																								
Tester Name:	rpa																																																																																								
Test Host:	Morrisy																																																																																								
Test Date:	Fri Jul 17 10:01:11 EDT 2009																																																																																								
Device:	Samsung SPHa660																																																																																								
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image
DATA OBJECTS	DATA ELEMENTS																																																																																								
Address Book Entries																																																																																									
	Maximum Length																																																																																								
	Regular Length, email, picture																																																																																								
	Special Character																																																																																								
	Blank Name																																																																																								
	Regular Length, Deleted email - deleted picture																																																																																								
	Deleted Entry																																																																																								
	Foreign Entry																																																																																								
PIM Data																																																																																									
	Maximum Length																																																																																								
	Regular Length																																																																																								
	Deleted Entry																																																																																								
	Special Character																																																																																								
Call Logs																																																																																									
	Missed																																																																																								
	Missed - Deleted																																																																																								
	Incoming																																																																																								
	Incoming - Deleted																																																																																								
	Outgoing																																																																																								
	Outgoing - Deleted																																																																																								
Text Messages																																																																																									
	Incoming SMS - Read																																																																																								
	Incoming SMS - Unread																																																																																								
	Incoming SMS - Deleted																																																																																								
	Outgoing SMS																																																																																								
	Outgoing SMS - Deleted																																																																																								
	Incoming EMS - Read																																																																																								
	Incoming EMS - Unread																																																																																								
	Incoming Foreign EMS - Read																																																																																								
	Incoming EMS - Deleted																																																																																								
	Outgoing EMS																																																																																								
	Outgoing EMS - Deleted																																																																																								
MMS Messages																																																																																									
	Incoming Audio																																																																																								
	Incoming Image																																																																																								
	Incoming Video																																																																																								
	Outgoing Audio																																																																																								
	Outgoing Image																																																																																								
	Outgoing Video																																																																																								
Stand-alone data files																																																																																									
	Audio																																																																																								
	Audio - Deleted																																																																																								
	Image																																																																																								

Test Case CFT-IM-08 BitPim 1.0.6-official									
	<table border="1"> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </table>		Image - Deleted		Video		Video - Deleted		
	Image - Deleted								
	Video								
	Video - Deleted								
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Fri Jul 17 10:01:11 EDT 2009 Acquisition finished: Fri Jul 17 10:06:02 EDT 2009</p> <p>Device connectivity was established via supported interface Readability and completeness of acquired data was successful ALL text messages (SMS, EMS) were acquired</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IM-01 Device connectivity via supported interfaces.</td> <td>as expected</td> </tr> <tr> <td>A IM-04 Readability and completeness of acquired data via supported reports.</td> <td>as expected</td> </tr> <tr> <td>A IM-16 Acquisition of text messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IM-01 Device connectivity via supported interfaces.	as expected	A IM-04 Readability and completeness of acquired data via supported reports.	as expected	A IM-16 Acquisition of text messages.	as expected
Assertion & Expected Result	Actual Result								
A IM-01 Device connectivity via supported interfaces.	as expected								
A IM-04 Readability and completeness of acquired data via supported reports.	as expected								
A IM-16 Acquisition of text messages.	as expected								
Analysis:	Expected results achieved								

5.2.56 CFT-IMO-01 (SPH-a660)

Test Case CFT-IMO-01 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IMO-01 Acquire mobile device internal memory and review reported data via supported generated report formats.																																																																																														
Assertions:	A IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Fri Jul 17 10:09:18 EDT 2009																																																																																														
Device:	Samsung SPHa660																																																																																														
Source Setup:	OS: WIN XP Interface: cable																																																																																														
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														
Log	Created By BitPim Version 1.0.6 - official																																																																																														

Test Case CFT-IMO-01 BitPim 1.0.6-official					
Highlights:	Acquisition started: Fri Jul 17 10:09:18 EDT 2009 Acquisition finished: Fri Jul 17 10:14:37 EDT 2009 Complete representation of known data via generated reports was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-23 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IMO-23 Comparison of known device data elements via generated reports.	as expected
Assertion & Expected Result	Actual Result				
A_IMO-23 Comparison of known device data elements via generated reports.	as expected				
Analysis:	Expected results achieved				

5.2.57 CFT-IMO-02 (SPH-a660)

Test Case CFT-IMO-02 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IMO-02 Acquire mobile device internal memory and review reported data via the preview-pane.																																																																																														
Assertions:	A IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Fri Jul 17 10:14:57 EDT 2009																																																																																														
Device:	Samsung SPHa660																																																																																														
Source Setup:	OS: WIN XP Interface: cable																																																																																														
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														
Log	Created By BitPim Version 1.0.6 - official																																																																																														

Test Case CFT-IMO-02 BitPim 1.0.6-official					
Highlights:	Acquisition started: Fri Jul 17 10:14:57 EDT 2009 Acquisition finished: Fri Jul 17 10:16:13 EDT 2009 Complete representation of known data via preview-pane was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-24 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected
Assertion & Expected Result	Actual Result				
A_IMO-24 Comparison of known device data elements via preview-pane.	as expected				
Analysis:	Expected results achieved				

5.2.58 CFT-IMO-03 (SPH-a660)

Test Case CFT-IMO-03 BitPim 1.0.6-official																																																																																													
Case Summary:	CFT-IMO-03 Acquire mobile device internal memory and compare reported data via the preview-pane and supported generated reports.																																																																																												
Assertions:	<p>A_IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.</p> <p>A_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.</p> <p>A_IMO-25 If a cellular forensic tool provides a preview-pane view and a generated report of the acquired data then the reports shall maintain consistency of all reported data elements.</p>																																																																																												
Tester Name:	rpa																																																																																												
Test Host:	Morrisy																																																																																												
Test Date:	Fri Jul 17 10:16:32 EDT 2009																																																																																												
Device:	Samsung SPHa660																																																																																												
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video
DATA OBJECTS	DATA ELEMENTS																																																																																												
Address Book Entries																																																																																													
	Maximum Length																																																																																												
	Regular Length, email, picture																																																																																												
	Special Character																																																																																												
	Blank Name																																																																																												
	Regular Length, Deleted email - deleted picture																																																																																												
	Deleted Entry																																																																																												
	Foreign Entry																																																																																												
PIM Data																																																																																													
	Maximum Length																																																																																												
	Regular Length																																																																																												
	Deleted Entry																																																																																												
	Special Character																																																																																												
Call Logs																																																																																													
	Missed																																																																																												
	Missed - Deleted																																																																																												
	Incoming																																																																																												
	Incoming - Deleted																																																																																												
	Outgoing																																																																																												
	Outgoing - Deleted																																																																																												
Text Messages																																																																																													
	Incoming SMS - Read																																																																																												
	Incoming SMS - Unread																																																																																												
	Incoming SMS - Deleted																																																																																												
	Outgoing SMS																																																																																												
	Outgoing SMS - Deleted																																																																																												
	Incoming EMS - Read																																																																																												
	Incoming EMS - Unread																																																																																												
	Incoming Foreign EMS - Read																																																																																												
	Incoming EMS - Deleted																																																																																												
	Outgoing EMS																																																																																												
	Outgoing EMS - Deleted																																																																																												
MMS Messages																																																																																													
	Incoming Audio																																																																																												
	Incoming Image																																																																																												
	Incoming Video																																																																																												
	Outgoing Audio																																																																																												
	Outgoing Image																																																																																												
	Outgoing Video																																																																																												
Stand-alone data files																																																																																													
	Audio																																																																																												
	Audio - Deleted																																																																																												
	Image																																																																																												
	Image - Deleted																																																																																												
	Video																																																																																												

Test Case CFT-IMO-03 BitPim 1.0.6-official									
	Video - Deleted								
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Fri Jul 17 10:16:32 EDT 2009 Acquisition finished: Fri Jul 17 10:29:20 EDT 2009</p> <p>Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Consistency between generated reports and preview-pane was successful</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-23 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-24 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-25 Compare generated reports and preview-pane views for device acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IMO-23 Comparison of known device data elements via generated reports.	as expected	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected	A_IMO-25 Compare generated reports and preview-pane views for device acquisition.	as expected
Assertion & Expected Result	Actual Result								
A_IMO-23 Comparison of known device data elements via generated reports.	as expected								
A_IMO-24 Comparison of known device data elements via preview-pane.	as expected								
A_IMO-25 Compare generated reports and preview-pane views for device acquisition.	as expected								
Analysis:	Expected results achieved								

5.2.59 CFT-IMO-05 (SPH-a660)

Test Case CFT-IMO-05 BitPim 1.0.6-official																																																																																													
Case Summary:	CFT-IMO-05 Perform a physical acquisition and review data output for readability.																																																																																												
Assertions:	<p>A_IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.</p> <p>A_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.</p> <p>A_IMO-27 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall successfully complete the acquisition and present the data in a human-readable format.</p>																																																																																												
Tester Name:	rpa																																																																																												
Test Host:	Morrisy																																																																																												
Test Date:	Fri Jul 17 10:30:04 EDT 2009																																																																																												
Device:	Samsung SPHa660																																																																																												
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video
DATA OBJECTS	DATA ELEMENTS																																																																																												
Address Book Entries																																																																																													
	Maximum Length																																																																																												
	Regular Length, email, picture																																																																																												
	Special Character																																																																																												
	Blank Name																																																																																												
	Regular Length, Deleted email - deleted picture																																																																																												
	Deleted Entry																																																																																												
	Foreign Entry																																																																																												
PIM Data																																																																																													
	Maximum Length																																																																																												
	Regular Length																																																																																												
	Deleted Entry																																																																																												
	Special Character																																																																																												
Call Logs																																																																																													
	Missed																																																																																												
	Missed - Deleted																																																																																												
	Incoming																																																																																												
	Incoming - Deleted																																																																																												
	Outgoing																																																																																												
	Outgoing - Deleted																																																																																												
Text Messages																																																																																													
	Incoming SMS - Read																																																																																												
	Incoming SMS - Unread																																																																																												
	Incoming SMS - Deleted																																																																																												
	Outgoing SMS																																																																																												
	Outgoing SMS - Deleted																																																																																												
	Incoming EMS - Read																																																																																												
	Incoming EMS - Unread																																																																																												
	Incoming Foreign EMS - Read																																																																																												
	Incoming EMS - Deleted																																																																																												
	Outgoing EMS																																																																																												
	Outgoing EMS - Deleted																																																																																												
MMS Messages																																																																																													
	Incoming Audio																																																																																												
	Incoming Image																																																																																												
	Incoming Video																																																																																												
	Outgoing Audio																																																																																												
	Outgoing Image																																																																																												
	Outgoing Video																																																																																												
Stand-alone data files																																																																																													
	Audio																																																																																												
	Audio - Deleted																																																																																												
	Image																																																																																												
	Image - Deleted																																																																																												
	Video																																																																																												

Test Case CFT-IMO-05 BitPim 1.0.6-official									
	Video - Deleted								
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Fri Jul 17 10:30:04 EDT 2009 Acquisition finished: Fri Jul 17 10:33:42 EDT 2009</p> <p>Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Physical Acquisition: readability and completeness was successful</p>								
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-23 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-24 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-27 Readability and completeness of data acquired via a physical acquisition.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IMO-23 Comparison of known device data elements via generated reports.	as expected	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected	A_IMO-27 Readability and completeness of data acquired via a physical acquisition.	as expected
Assertion & Expected Result	Actual Result								
A_IMO-23 Comparison of known device data elements via generated reports.	as expected								
A_IMO-24 Comparison of known device data elements via preview-pane.	as expected								
A_IMO-27 Readability and completeness of data acquired via a physical acquisition.	as expected								
Analysis:	Expected results achieved								

5.2.60 CFT-IMO-06 (SPH-a660)

Test Case CFT-IMO-06 BitPim 1.0.6-official																																			
Case Summary:	CFT-IMO-06 Perform a physical acquisition and review reports for recoverable deleted data.																																		
Assertions:	<p>A_IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.</p> <p>A_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.</p> <p>A_IMO-28 If the cellular forensic tool supports a physical acquisition of address book entries present on the target device then the tool shall report recoverable deleted data or address book data remnants in a human-readable format.</p> <p>A_IMO-29 If the cellular forensic tool supports a physical acquisition of calendar, tasks, or notes present on the target device then the tool shall report recoverable deleted calendar, tasks, or note data remnants in a human-readable format.</p> <p>A_IMO-30 If the cellular forensic tool supports a physical acquisition of call logs present on the target device then the tool shall report recoverable deleted call or call log data remnants in a human-readable format.</p> <p>A_IMO-31 If the cellular forensic tool supports a physical acquisition of SMS messages present on the target device then the tool shall report recoverable deleted SMS messages or SMS message data remnants in a human-readable format.</p> <p>A_IMO-32 If the cellular forensic tool supports a physical acquisition of EMS messages present on the target device then the tool shall report recoverable deleted EMS messages or EMS message data remnants in a human-readable format.</p> <p>A_IMO-33 If the cellular forensic tool supports a physical acquisition of audio files present on the target device then the tool shall report recoverable deleted audio data or audio file data remnants in a human-readable format.</p> <p>A_IMO-34 If the cellular forensic tool supports a physical acquisition of graphic files present on the target device then the tool shall report recoverable deleted graphic file data or graphic file data remnants in a human-readable format.</p> <p>A_IMO-35 If the cellular forensic tool supports a physical acquisition of video files present on the target device then the tool shall report recoverable deleted video file data or video file data remnants in a human-readable format.</p>																																		
Tester Name:	rpa																																		
Test Host:	Morrisy																																		
Test Date:	Fri Jul 17 10:35:00 EDT 2009																																		
Device:	Samsung SPHa660																																		
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted
DATA OBJECTS	DATA ELEMENTS																																		
Address Book Entries																																			
	Maximum Length																																		
	Regular Length, email, picture																																		
	Special Character																																		
	Blank Name																																		
	Regular Length, Deleted email - deleted picture																																		
	Deleted Entry																																		
	Foreign Entry																																		
PIM Data																																			
	Maximum Length																																		
	Regular Length																																		
	Deleted Entry																																		
	Special Character																																		
Call Logs																																			
	Missed																																		
	Missed - Deleted																																		

Test Case CFT-IMO-06 BitPim 1.0.6-official																																																													
	<table border="1"> <tr><td></td><td>Incoming</td></tr> <tr><td></td><td>Incoming - Deleted</td></tr> <tr><td></td><td>Outgoing</td></tr> <tr><td></td><td>Outgoing - Deleted</td></tr> <tr><td>Text Messages</td><td></td></tr> <tr><td></td><td>Incoming SMS - Read</td></tr> <tr><td></td><td>Incoming SMS - Unread</td></tr> <tr><td></td><td>Incoming SMS - Deleted</td></tr> <tr><td></td><td>Outgoing SMS</td></tr> <tr><td></td><td>Outgoing SMS - Deleted</td></tr> <tr><td></td><td>Incoming EMS - Read</td></tr> <tr><td></td><td>Incoming EMS - Unread</td></tr> <tr><td></td><td>Incoming Foreign EMS - Read</td></tr> <tr><td></td><td>Incoming EMS - Deleted</td></tr> <tr><td></td><td>Outgoing EMS</td></tr> <tr><td></td><td>Outgoing EMS - Deleted</td></tr> <tr><td>MMS Messages</td><td></td></tr> <tr><td></td><td>Incoming Audio</td></tr> <tr><td></td><td>Incoming Image</td></tr> <tr><td></td><td>Incoming Video</td></tr> <tr><td></td><td>Outgoing Audio</td></tr> <tr><td></td><td>Outgoing Image</td></tr> <tr><td></td><td>Outgoing Video</td></tr> <tr><td>Stand-alone data files</td><td></td></tr> <tr><td></td><td>Audio</td></tr> <tr><td></td><td>Audio - Deleted</td></tr> <tr><td></td><td>Image</td></tr> <tr><td></td><td>Image - Deleted</td></tr> <tr><td></td><td>Video</td></tr> <tr><td></td><td>Video - Deleted</td></tr> </table>		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
	Incoming																																																												
	Incoming - Deleted																																																												
	Outgoing																																																												
	Outgoing - Deleted																																																												
Text Messages																																																													
	Incoming SMS - Read																																																												
	Incoming SMS - Unread																																																												
	Incoming SMS - Deleted																																																												
	Outgoing SMS																																																												
	Outgoing SMS - Deleted																																																												
	Incoming EMS - Read																																																												
	Incoming EMS - Unread																																																												
	Incoming Foreign EMS - Read																																																												
	Incoming EMS - Deleted																																																												
	Outgoing EMS																																																												
	Outgoing EMS - Deleted																																																												
MMS Messages																																																													
	Incoming Audio																																																												
	Incoming Image																																																												
	Incoming Video																																																												
	Outgoing Audio																																																												
	Outgoing Image																																																												
	Outgoing Video																																																												
Stand-alone data files																																																													
	Audio																																																												
	Audio - Deleted																																																												
	Image																																																												
	Image - Deleted																																																												
	Video																																																												
	Video - Deleted																																																												
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Fri Jul 17 10:35:00 EDT 2009 Acquisition finished: Fri Jul 17 10:39:57 EDT 2009</p> <p>Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Physical Acquisition: readability and completeness was successful Deleted address book entries were recovered Deleted address book entries were not recovered Deleted PIM data was not recovered Deleted Call log data was recovered Deleted Call log data was not recovered Deleted text message data was recovered Deleted audio data was not recovered Deleted graphic data was not recovered Deleted video data was not recovered</p>																																																												
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-23 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-24 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-28 Physical acquisition, recovery of deleted address book entries.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-29 Physical acquisition, recovery of deleted PIM data.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-30 Physical acquisition, recovery of deleted call logs.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-31 Physical acquisition, recovery of deleted SMS messages.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-32 Physical acquisition, recovery of deleted EMS messages.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IMO-23 Comparison of known device data elements via generated reports.	as expected	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected	A_IMO-28 Physical acquisition, recovery of deleted address book entries.	as expected	A_IMO-29 Physical acquisition, recovery of deleted PIM data.	as expected	A_IMO-30 Physical acquisition, recovery of deleted call logs.	as expected	A_IMO-31 Physical acquisition, recovery of deleted SMS messages.	as expected	A_IMO-32 Physical acquisition, recovery of deleted EMS messages.	as expected																																												
Assertion & Expected Result	Actual Result																																																												
A_IMO-23 Comparison of known device data elements via generated reports.	as expected																																																												
A_IMO-24 Comparison of known device data elements via preview-pane.	as expected																																																												
A_IMO-28 Physical acquisition, recovery of deleted address book entries.	as expected																																																												
A_IMO-29 Physical acquisition, recovery of deleted PIM data.	as expected																																																												
A_IMO-30 Physical acquisition, recovery of deleted call logs.	as expected																																																												
A_IMO-31 Physical acquisition, recovery of deleted SMS messages.	as expected																																																												
A_IMO-32 Physical acquisition, recovery of deleted EMS messages.	as expected																																																												

Test Case CFT-IMO-06 BitPim 1.0.6-official		
	A_IMO-33 Physical acquisition, recovery of deleted stand-alone audio files.	as expected
	A_IMO-34 Physical acquisition, recovery of deleted graphic files.	as expected
	A_IMO-35 Physical acquisition, recovery of deleted video files.	as expected
Analysis:	Expected results achieved	

5.2.61 CFT-IMO-07 (SPH-a660)

Test Case CFT-IMO-07 BitPim 1.0.6-official																																																																																															
Case Summary:	CFT-IMO-07 Acquire mobile device internal memory and review generated log files.																																																																																														
Assertions:	A IMO-36 If the cellular forensic tool supports log creation then the application should present the log files outlining the acquisition process in a human-readable format.																																																																																														
Tester Name:	rpa																																																																																														
Test Host:	Morrisy																																																																																														
Test Date:	Fri Jul 17 10:41:48 EDT 2009																																																																																														
Device:	Samsung SPHa660																																																																																														
Source Setup:	OS: WIN XP Interface: cable																																																																																														
	<table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
DATA OBJECTS	DATA ELEMENTS																																																																																														
Address Book Entries																																																																																															
	Maximum Length																																																																																														
	Regular Length, email, picture																																																																																														
	Special Character																																																																																														
	Blank Name																																																																																														
	Regular Length, Deleted email - deleted picture																																																																																														
	Deleted Entry																																																																																														
	Foreign Entry																																																																																														
PIM Data																																																																																															
	Maximum Length																																																																																														
	Regular Length																																																																																														
	Deleted Entry																																																																																														
	Special Character																																																																																														
Call Logs																																																																																															
	Missed																																																																																														
	Missed - Deleted																																																																																														
	Incoming																																																																																														
	Incoming - Deleted																																																																																														
	Outgoing																																																																																														
	Outgoing - Deleted																																																																																														
Text Messages																																																																																															
	Incoming SMS - Read																																																																																														
	Incoming SMS - Unread																																																																																														
	Incoming SMS - Deleted																																																																																														
	Outgoing SMS																																																																																														
	Outgoing SMS - Deleted																																																																																														
	Incoming EMS - Read																																																																																														
	Incoming EMS - Unread																																																																																														
	Incoming Foreign EMS - Read																																																																																														
	Incoming EMS - Deleted																																																																																														
	Outgoing EMS																																																																																														
	Outgoing EMS - Deleted																																																																																														
MMS Messages																																																																																															
	Incoming Audio																																																																																														
	Incoming Image																																																																																														
	Incoming Video																																																																																														
	Outgoing Audio																																																																																														
	Outgoing Image																																																																																														
	Outgoing Video																																																																																														
Stand-alone data files																																																																																															
	Audio																																																																																														
	Audio - Deleted																																																																																														
	Image																																																																																														
	Image - Deleted																																																																																														
	Video																																																																																														
	Video - Deleted																																																																																														
Log	Created By BitPim Version 1.0.6 - official																																																																																														

Test Case CFT-IMO-07 BitPim 1.0.6-official					
Highlights:	Acquisition started: Fri Jul 17 10:41:48 EDT 2009 Acquisition finished: Fri Jul 17 10:50:01 EDT 2009 Creation of complete and human-readable log files was successful				
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A IMO-36 Device Log file output.</td> <td>as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A IMO-36 Device Log file output.	as expected
Assertion & Expected Result	Actual Result				
A IMO-36 Device Log file output.	as expected				
Analysis:	Expected results achieved				

5.2.62 CFT-IMO-08 (SPH-a660)

Test Case CFT-IMO-08 BitPim 1.0.6-official																																																																																	
Case Summary:	CFT-IMO-08 Acquire mobile device internal memory and review data containing foreign language characters.																																																																																
Assertions:	<p>A_IMO-23 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification via supported generated report formats.</p> <p>A_IMO-24 If a cellular forensic tool successfully completes acquisition of the target device then the tool shall present the acquired data without modification in a preview-pane view.</p> <p>A_IMO-37 If the cellular forensic tool supports proper display of foreign language character sets then the application should present address book entries containing foreign language characters in their native format without modification.</p> <p>A_IMO-38 If the cellular forensic tool supports proper display of foreign language character sets then the application should present text messages containing foreign language characters in their native format without modification.</p>																																																																																
Tester Name:	rpa																																																																																
Test Host:	Morrisy																																																																																
Test Date:	Fri Jul 17 10:50:28 EDT 2009																																																																																
Device:	Samsung_SPHa660																																																																																
Source Setup:	<p>OS: WIN XP Interface: cable</p> <table border="1"> <thead> <tr> <th>DATA OBJECTS</th> <th>DATA ELEMENTS</th> </tr> </thead> <tbody> <tr> <td>Address Book Entries</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length, email, picture</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td></td> <td>Blank Name</td> </tr> <tr> <td></td> <td>Regular Length, Deleted email - deleted picture</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Foreign Entry</td> </tr> <tr> <td>PIM Data</td> <td></td> </tr> <tr> <td></td> <td>Maximum Length</td> </tr> <tr> <td></td> <td>Regular Length</td> </tr> <tr> <td></td> <td>Deleted Entry</td> </tr> <tr> <td></td> <td>Special Character</td> </tr> <tr> <td>Call Logs</td> <td></td> </tr> <tr> <td></td> <td>Missed</td> </tr> <tr> <td></td> <td>Missed - Deleted</td> </tr> <tr> <td></td> <td>Incoming</td> </tr> <tr> <td></td> <td>Incoming - Deleted</td> </tr> <tr> <td></td> <td>Outgoing</td> </tr> <tr> <td></td> <td>Outgoing - Deleted</td> </tr> <tr> <td>Text Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming SMS - Read</td> </tr> <tr> <td></td> <td>Incoming SMS - Unread</td> </tr> <tr> <td></td> <td>Incoming SMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing SMS</td> </tr> <tr> <td></td> <td>Outgoing SMS - Deleted</td> </tr> <tr> <td></td> <td>Incoming EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Unread</td> </tr> <tr> <td></td> <td>Incoming Foreign EMS - Read</td> </tr> <tr> <td></td> <td>Incoming EMS - Deleted</td> </tr> <tr> <td></td> <td>Outgoing EMS</td> </tr> <tr> <td></td> <td>Outgoing EMS - Deleted</td> </tr> <tr> <td>MMS Messages</td> <td></td> </tr> <tr> <td></td> <td>Incoming Audio</td> </tr> <tr> <td></td> <td>Incoming Image</td> </tr> <tr> <td></td> <td>Incoming Video</td> </tr> <tr> <td></td> <td>Outgoing Audio</td> </tr> <tr> <td></td> <td>Outgoing Image</td> </tr> <tr> <td></td> <td>Outgoing Video</td> </tr> </tbody> </table>	DATA OBJECTS	DATA ELEMENTS	Address Book Entries			Maximum Length		Regular Length, email, picture		Special Character		Blank Name		Regular Length, Deleted email - deleted picture		Deleted Entry		Foreign Entry	PIM Data			Maximum Length		Regular Length		Deleted Entry		Special Character	Call Logs			Missed		Missed - Deleted		Incoming		Incoming - Deleted		Outgoing		Outgoing - Deleted	Text Messages			Incoming SMS - Read		Incoming SMS - Unread		Incoming SMS - Deleted		Outgoing SMS		Outgoing SMS - Deleted		Incoming EMS - Read		Incoming EMS - Unread		Incoming Foreign EMS - Read		Incoming EMS - Deleted		Outgoing EMS		Outgoing EMS - Deleted	MMS Messages			Incoming Audio		Incoming Image		Incoming Video		Outgoing Audio		Outgoing Image		Outgoing Video
DATA OBJECTS	DATA ELEMENTS																																																																																
Address Book Entries																																																																																	
	Maximum Length																																																																																
	Regular Length, email, picture																																																																																
	Special Character																																																																																
	Blank Name																																																																																
	Regular Length, Deleted email - deleted picture																																																																																
	Deleted Entry																																																																																
	Foreign Entry																																																																																
PIM Data																																																																																	
	Maximum Length																																																																																
	Regular Length																																																																																
	Deleted Entry																																																																																
	Special Character																																																																																
Call Logs																																																																																	
	Missed																																																																																
	Missed - Deleted																																																																																
	Incoming																																																																																
	Incoming - Deleted																																																																																
	Outgoing																																																																																
	Outgoing - Deleted																																																																																
Text Messages																																																																																	
	Incoming SMS - Read																																																																																
	Incoming SMS - Unread																																																																																
	Incoming SMS - Deleted																																																																																
	Outgoing SMS																																																																																
	Outgoing SMS - Deleted																																																																																
	Incoming EMS - Read																																																																																
	Incoming EMS - Unread																																																																																
	Incoming Foreign EMS - Read																																																																																
	Incoming EMS - Deleted																																																																																
	Outgoing EMS																																																																																
	Outgoing EMS - Deleted																																																																																
MMS Messages																																																																																	
	Incoming Audio																																																																																
	Incoming Image																																																																																
	Incoming Video																																																																																
	Outgoing Audio																																																																																
	Outgoing Image																																																																																
	Outgoing Video																																																																																

Test Case CFT-IMO-08 BitPim 1.0.6-official															
	<table border="1"> <tr> <td>Stand-alone data files</td> <td></td> </tr> <tr> <td></td> <td>Audio</td> </tr> <tr> <td></td> <td>Audio - Deleted</td> </tr> <tr> <td></td> <td>Image</td> </tr> <tr> <td></td> <td>Image - Deleted</td> </tr> <tr> <td></td> <td>Video</td> </tr> <tr> <td></td> <td>Video - Deleted</td> </tr> </table>	Stand-alone data files			Audio		Audio - Deleted		Image		Image - Deleted		Video		Video - Deleted
Stand-alone data files															
	Audio														
	Audio - Deleted														
	Image														
	Image - Deleted														
	Video														
	Video - Deleted														
Log Highlights:	<p>Created By BitPim Version 1.0.6 - official Acquisition started: Fri Jul 17 10:50:28 EDT 2009 Acquisition finished: Fri Jul 17 10:52:03 EDT 2009</p> <p>Complete representation of known data via generated reports was successful Complete representation of known data via preview-pane was successful Foreign character Address book entries were acquired and properly displayed Foreign character text messages were acquired but not properly displayed</p>														
Results:	<table border="1"> <thead> <tr> <th>Assertion & Expected Result</th> <th>Actual Result</th> </tr> </thead> <tbody> <tr> <td>A_IMO-23 Comparison of known device data elements via generated reports.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-24 Comparison of known device data elements via preview-pane.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-37 Acquisition of address book entries containing foreign language characters.</td> <td>as expected</td> </tr> <tr> <td>A_IMO-38 Acquisition of outgoing text messages containing foreign language characters.</td> <td>NOT as expected</td> </tr> </tbody> </table>	Assertion & Expected Result	Actual Result	A_IMO-23 Comparison of known device data elements via generated reports.	as expected	A_IMO-24 Comparison of known device data elements via preview-pane.	as expected	A_IMO-37 Acquisition of address book entries containing foreign language characters.	as expected	A_IMO-38 Acquisition of outgoing text messages containing foreign language characters.	NOT as expected				
Assertion & Expected Result	Actual Result														
A_IMO-23 Comparison of known device data elements via generated reports.	as expected														
A_IMO-24 Comparison of known device data elements via preview-pane.	as expected														
A_IMO-37 Acquisition of address book entries containing foreign language characters.	as expected														
A_IMO-38 Acquisition of outgoing text messages containing foreign language characters.	NOT as expected														
Analysis:	Partial results achieved														

About the National Institute of Justice

NIJ is the research, development, and evaluation agency of the U.S. Department of Justice. NIJ's mission is to advance scientific research, development, and evaluation to enhance the administration of justice and public safety. NIJ's principal authorities are derived from the Omnibus Crime Control and Safe Streets Act of 1968, as amended (see 42 U.S.C. §§ 3721–3723).

The NIJ Director is appointed by the President and confirmed by the Senate. The Director establishes the Institute's objectives, guided by the priorities of the Office of Justice Programs, the U.S. Department of Justice, and the needs of the field. The Institute actively solicits the views of criminal justice and other professionals and researchers to inform its search for the knowledge and tools to guide policy and practice.

Strategic Goals

NIJ has seven strategic goals grouped into three categories:

Creating relevant knowledge and tools

1. Partner with State and local practitioners and policymakers to identify social science research and technology needs.
2. Create scientific, relevant, and reliable knowledge—with a particular emphasis on terrorism, violent crime, drugs and crime, cost-effectiveness, and community-based efforts—to enhance the administration of justice and public safety.
3. Develop affordable and effective tools and technologies to enhance the administration of justice and public safety.

Dissemination

4. Disseminate relevant knowledge and information to practitioners and policymakers in an understandable, timely, and concise manner.
5. Act as an honest broker to identify the information, tools, and technologies that respond to the needs of stakeholders.

Agency management

6. Practice fairness and openness in the research and development process.
7. Ensure professionalism, excellence, accountability, cost-effectiveness, and integrity in the management and conduct of NIJ activities and programs.

Program Areas

In addressing these strategic challenges, the Institute is involved in the following program areas: crime control and prevention, including policing; drugs and crime; justice systems and offender behavior, including corrections; violence and victimization; communications and information technologies; critical incident response; investigative and forensic sciences, including DNA; less-than-lethal technologies; officer protection; education and training technologies; testing and standards; technology assistance to law enforcement and corrections agencies; field testing of promising programs; and international crime control.

In addition to sponsoring research and development and technology assistance, NIJ evaluates programs, policies, and technologies. NIJ communicates its research and evaluation findings through conferences and print and electronic media.

To find out more about the National Institute of Justice, please visit:

<http://www.ojp.usdoj.gov/nij>

or contact:

National Criminal Justice
Reference Service
P.O. Box 6000
Rockville, MD 20849–6000
800–851–3420
<http://www.ncjrs.gov>